



Compano Online Software

Manual Classification COS PIM

Version 7.2

File	Manual Classification
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Contents

1	Concepts.....	4
2	Introduction	5
3	Classification process.....	5
3.1.1	Classification of new products	5
3.1.2	Updating classification	5
3.2	Deleted ETIM features	6
3.2.1	Hide deleted ETIM features.....	7
4	Find a set of products.....	7
4.1	Quick filter	7
4.2	Comprehensive filter	8
4.3	Search	10
5	Assign a product class (new product)	10
5.1	Add the product class on import	11
5.2	Assign the product class in PIM COS	12
6	Enter common class feature values	13
6.1	Method 1: Manipulate	14
6.2	Method 2: ExcelForImport	16
7	Enter unique class feature values	16
8	Update classification (ExcelForImport).....	16
8.1	Adding / updating classification data	19
8.2	Set classification status on import	21
8.3	Importing updated classification data	21
9	Classification status	23
9.1	Missing Value (MV).....	23
9.2	Not Applicable (NA).....	23
9.2.1	Set classification status manually.....	24
9.3	Unknown (UN)	25
10	Special class features	26
10.1	Local features	26
10.2	Linked features (UDF)	26
11	Quick corrections: Line Edit.....	26
12	Using alternate classification systems	27
12.1	Static ETIM version (ETIM 10, 9, 8, 7 etc.).....	27
12.1.1	Classification using ETIM 10 (or older)	28
12.1.2	Copy ETIM classification.....	28
12.2	Multi-model classification	29
13	ETIM MC (BIM).....	30
13.1	Assign Product Model.....	30
13.1.1	Assign to multiple products	31
13.2	Assign Model Feature values	32

13.2.1	Assign to multiple products	33
13.3	BIM status and export	34
13.4	ETIM MC Viewer	35
13.4.1	Viewing MC-data	36
13.4.2	Editing MC-data	37
13.4.3	Clearing MC-data	38
13.4.4	Measuring progress	39
13.4.5	Zooming in/out	40
13.4.6	Viewing / downloading / uploading JSON data	40
13.4.7	3D Viewer	42
13.4.8	Viewer controls	42
14	Quality of data	44
14.1	Data requirements 2BA and InstallData	44
14.2	Quality check classification data	44
14.2.1	Classification status	44
14.2.2	Export classification data	45
14.2.3	Classification report	46
14.3	ETIM Mutation report	48
14.3.1	Set e-mail address	48
14.3.2	Manually generating a mutation report	49
14.3.3	Reading a mutation report	49
14.3.4	Downloading a mutation report	52
15	Appendix A: How to find the correct ETIM product class	53
15.1	Search product classes (Compano)	53
15.2	Lookup product class and features (ETIM International)	55
15.3	Check for alternate product classes	56
15.4	Check competitive product (2BA)	58



1 Concepts

COS PIM

Compano Online Software, Product Information Management.

Product

A product is a manufactured and often branded object which can be described in technical terms. Usually, this *product information* is maintained by the manufacturer of the product.

Item

An item is a (collection of) product(s) which are packaged and priced. An item can also be described in logistical terms (stock, delivery time). Usually, this *trade information* is maintained by the supplier of the product.

Assortment

An assortment is a collection of purchase or sales items.

GLN

A *Global Location Number* (GLN) can be used by companies to identify their locations, giving them complete flexibility to identify any type or level of location required, for instance, a factory, store, office or warehouse.

GTIN

The *Global Trade Item Number* (GTIN) is an identifier for trade items, developed by GS1, www.gs1.org. Such identifiers are used to look up product information in a database (often by entering the number through a barcode scanner pointed at an actual product) which may belong to a retailer, manufacturer, collector, researcher, or other entity. The uniqueness and universality of the identifier is useful in establishing which product in one database corresponds to which product in another database, especially across organizational boundaries.

Classification System

A classification system identifies (technical) products, sorting them into *product classes* and describing them using standardized *product features* and *feature values*. Examples of classification systems are: ETIM, EZ-base, GPC, Q-model, etc.

ETIM

ETIM is an international classification standard for technical products of the installation sector, the construction sector and the maritime sector. *ETIM Dynamic* is the current development version of ETIM, which is updated weekly. Previous, fixed version of ETIM include ETIM 7, ETIM 6, etc.

BIM

Building Information Modelling (BIM) is an intelligent 3D model-based process that gives architecture, engineering, and construction (AEC) professionals the insight and tools to more efficiently plan, design, construct, and manage buildings and infrastructure.

ETIM MC

ETIM Modelling Classes (ETIM MC) is an extension to the basic ETIM classification model, specifying parameters for representation of products as 3D geometric objects. As such, ETIM MC enables uniform exchange of 3D product data among users and CAD software.



2 Introduction

This document describes how to classify products within the COS PIM software using a *standard classification system*. For practical purposes, all examples demonstrate this classification process using *ETIM Dynamic standard* as the classification system¹.

Classification within the ETIM system is based on identifying an unique *ETIM product class* for each product. Once this class has been assigned to the product, the corresponding *product class features* can be filled in.

Example

- A product is assigned the class *Convactor radiator* with EC-code *EC010152*.
- Some of the corresponding class features are: *Material housing*, *Material heat exchanger*, *Height*, *Length*, *Depth*, *Heat emission according to EN 442 20 °C - 75/65*, *Colour*, etc.
- For *Material housing*, the following values can be filled in: *Steel*, *Plastic*, *Wood*, *Other*.

3 Classification process

The best practice for classifying (new) products, is to work with a *set of similar products*. These products should all share the *same product class* and preferably *many of the same class feature values*.

Example

A good example of a set of products would be all radiators of the Series *EcoLine*, Type *Convactor Radiator Free-standing*, which are all made of *RVS* (**Material housing**), and are all *White* (**Color**). These products then would only differ in their *Dimensions* (**Height**, **Length**, **Depth**).

Basically, two classification scenario's exist:

3.1.1 Classification of new products

When classifying a new product:

1. [Find a set of products of a single class](#) using Filter and Search,
2. [Assign a product class](#) (ETIM) to all products in the set,
3. [Enter common values](#) to class features which are the *same* for all products in the set,
4. [Enter unique values](#) to class features which are *different* for each product in the set,
5. [Set classification status](#) to '*classified*'.

Note: Using the *ExcelForImport* method, steps 3 and 4 can be done simultaneously.

3.1.2 Updating classification

When updating existing classification, products already have a class assigned and part of the class features might be filled out.

Note: This method is preferred for quick updates of classification data for new products. To this end, the ETIM class should be imported along with the standard product data:

¹ Should you wish to use another classification system, simply substitute ETIM for the system of your choice. Note that you will need to contact Compano Sales (sales@compano.com) as using other classification systems is not a standard feature of the Compano (Basic) PIM system.

AA	AB	AC
Product description (nl)	Product group code	ETIM EC class
Long product description	01.003	EC000406

To update classification:

1. [Find a set of products of a single or multiple classes](#)², using Filter and Search,
2. [Update classification](#) data by entering values for class features which are missing data,
3. [Set classification status](#) to '*classified*'.

3.2 Deleted ETIM features

As ETIM Dynamic receives a weekly update, the ETIM classification system may change. This means that sometimes ETIM class features or values are *deleted*.

By default, deleted ETIM features will still show when classifying products with the Compano software. This can lead to the confusing situation where a product feature shows twice, or where an already deleted feature is filled out instead of the correct active feature.

In the COS interface, deleted ETIM features are marked with an Archive icon:

This ETIM feature has been deleted from the current, active ETIM Dynamic system

In Excel exports, deleted features added as data columns *after* the active ETIM features. Also, any filled out values for deleted features are shown on a red background:

² **Note:** As of Compano Software version L03, it is possible to update the classification of products of *multiple, different classes* in one update session. For a detailed explanation, see chapter [8. UPDATE CLASSIFICATION](#).

DY	DZ	EA	EB	EC	ED	EE	EF	EG	EH	EI	EJ
Compatible with Google	Compatible with Amazon	Suitable for wall mounting	Highest energy efficiency class	Lowest energy efficiency class	Power supply energy	Rated life time L70/B10 at 25	Rated life time L80/B50 at 25	Rated life time L90/B10 at 25	Rated life time L90/B50 at 25	Lamp efficacy (lm/W)	Built-in diameter (mm)
No		A++								60,00	80,00
No			A+							64,00	80,00
No				A2 BAT		10,00				60,00	80,00
No							10,00			64,00	80,00
No								25,00		57,00	80,00
No									25,00	57,00	80,00
No										76,00	76,00
No										76,00	76,00
No											
Deleted ETIM features											

3.2.1 Hide deleted ETIM features

Deleted ETIM features can be hidden in the user interface. This setting is available under *My details > My settings*, however as additional action is required which is not available to a user, please contact your Compano consultant if you need to hide deleted ETIM features.

User Settings

System settings

Email

Mail relay password

Send on behalf of (relay)

System

Show deleted features ☐ Yes ☒ No

Screen setting

Left panel display ☒ Yes ☐ No

Right panel display ☒ Yes ☐ No

To hide deleted features, additional action is required; please contact your Compano Consultant

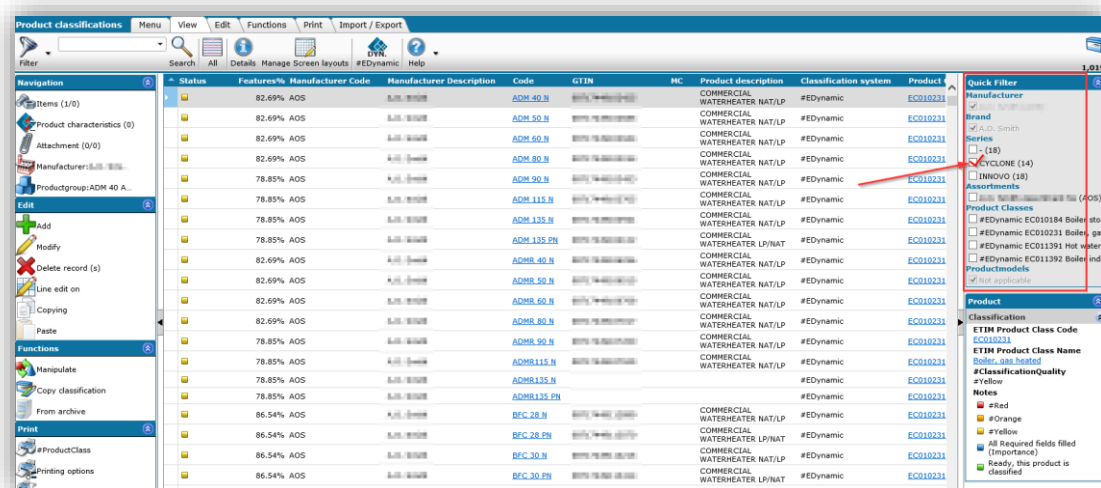
Close

4 Find a set of products

The Filter and Search options in COS allow for a quick selection of a set of (similar) products. COS offers two kinds of filter techniques: a Quick Filter and a Comprehensive Filter. Note that both filters can be combined and that results can be further narrowed down by using an additional Search term.

4.1 Quick filter

The *Quick Filter* is available in the upper right corner of the right side panel:



The Quick Filter allows for a fast selection of products based on *Manufacturer*, *Brand*, *Series*, *Type*, *Assortment*, etc. The **Quick Filter** is an 'intelligent' filter: depending on your selection, it will only list filter options that can be further applied to your data.

4.2 Comprehensive filter

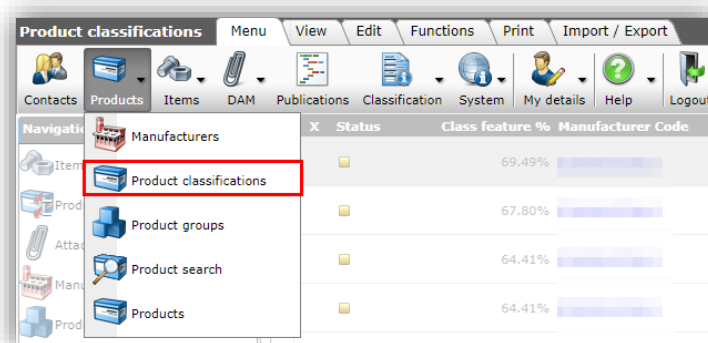
The Comprehensive Filter can be used to make a more refined selection of products for classification. The Filter offers several tabs with data fields which can be used in combination to filter out a set of products.

Note: Complex filters can be saved for easy future use. For more information on Filtering, see the *Compano Basic Manual*.

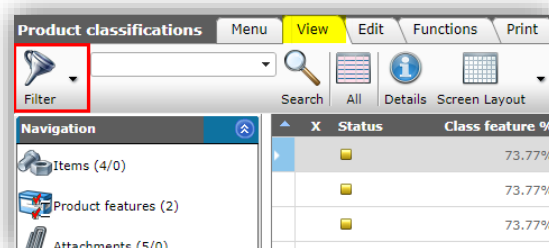
Example

To filter a set of *similar, new products*:

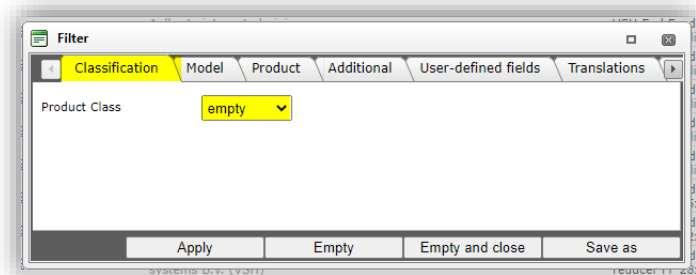
1. Through the Menu go to *Products > Product Classifications*.



2. On the View tab, click the *Filter* button

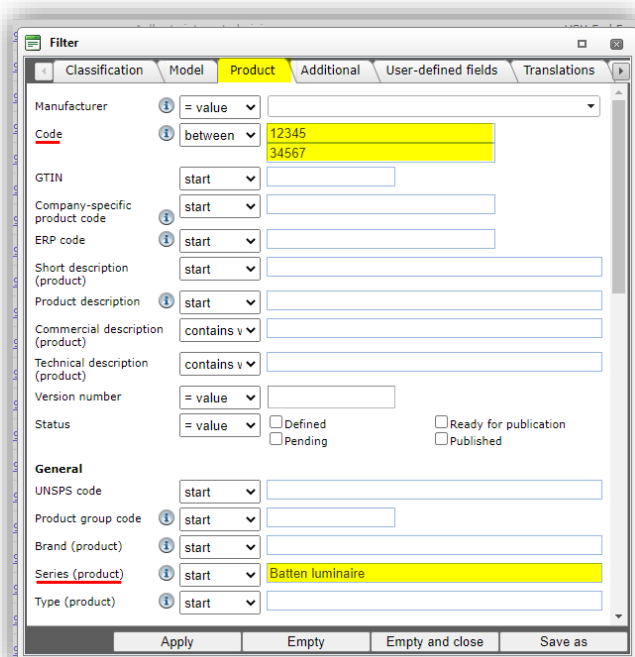


3. In the pop-up window, enter the filter criteria on either of the following Filter tabs:
 - a. Classification tab: Set *Product Class* to *Empty* to filter out all new products which do not yet have class assigned:



The screenshot shows the 'Filter' window with the 'Classification' tab selected. The 'Product Class' dropdown menu is set to 'empty'. At the bottom, there are buttons for 'Apply', 'Empty', 'Empty and close', and 'Save as'.

- b. Product tab: Optionally set additional Filter criteria to further narrow down the set of filtered products. For instance, *Series*, *Type*, *Product Group*, or a range of *Product Codes*.

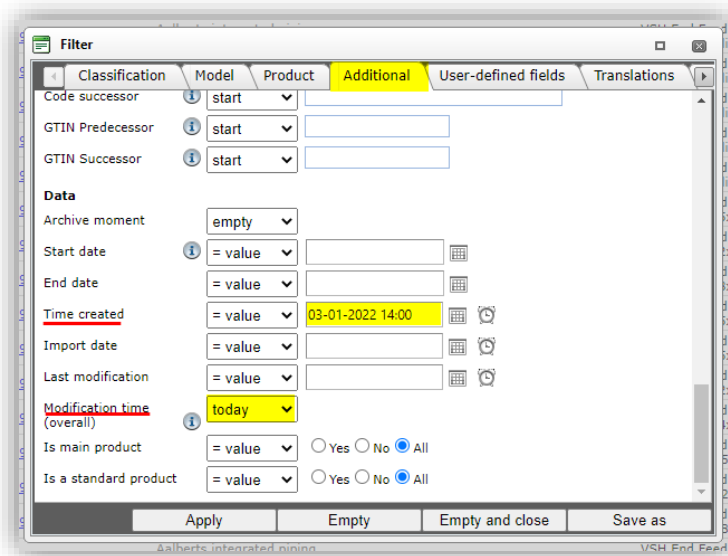


The screenshot shows the 'Filter' window with the 'Product' tab selected. The following criteria are set:

- Manufacturer: = value
- Code: between 12345 and 34567
- GTIN: start
- Company-specific product code: start
- ERP code: start
- Short description (product): start
- Product description: start
- Commercial description (product): contains v
- Technical description (product): contains v
- Version number: = value
- Status: = value, with checkboxes for Defined, Pending, Ready for publication, and Published.
- General section:
 - UNSPS code: start
 - Product group code: start
 - Brand (product): start
 - Series (product): start, with the value 'Batten luminaire' entered.
 - Type (product): start

 At the bottom, there are buttons for 'Apply', 'Empty', 'Empty and close', and 'Save as'.

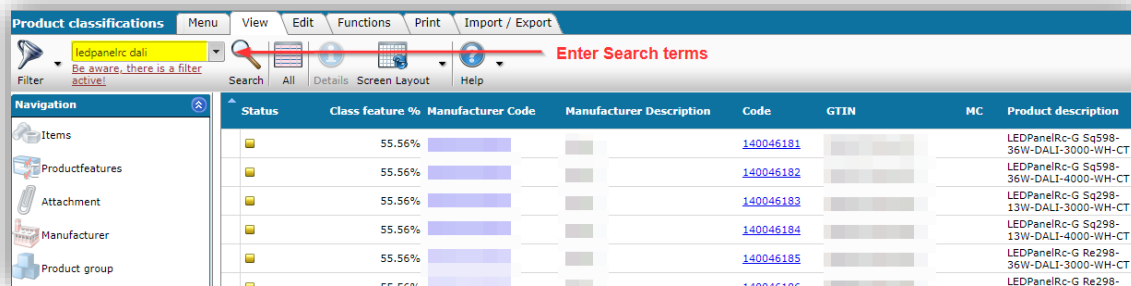
- c. Additional tab: This tab contains additional Filter options, which can also be used to refine the filter results. Most practical would be such options as *Time Created* or *Modification Time*: to quickly find newly added or changed products:



- d. User-defined fields tab (optional): This tab is only available with the *User defined fields* module (sold separately). When available use the options on this tab to filter on user defined fields values.
- e. Translations tab (optional): This tab is only available with the *Multi-language module* (sold separately). When available use the options on this tab to filter on translation values.

4.3 Search

Another way to find a set of product or narrow down your filter result, is to use additional *Search* terms. Enter one or more search terms into the *Search* box, for instance text from the description of the product, or part of a product code:



Note: Search will try to match the search term with data in *any* data field. Depending on your search term this might result in a very specific result or too many results.

Example

The search term 'valve' could result in the following matching products:

- Ball valve
- Ball valve handle
- Ball valve sealing ring
- Etc.

5 Assign a product class (new product)

New products must first be assigned the correct product class.



While there are other classification systems, this manual will take the ETIM Dynamic classification system as its point of departure. For the most part the instructions in this manual can also be followed when using a different classification system.

To assign a product class, either:

- Add the product class on import
- Assign the product in PIM COS

Please also see chapter [15. APPENDIX A: HOW TO FIND THE CORRECT ETIM PRODUCT CLASS](#)

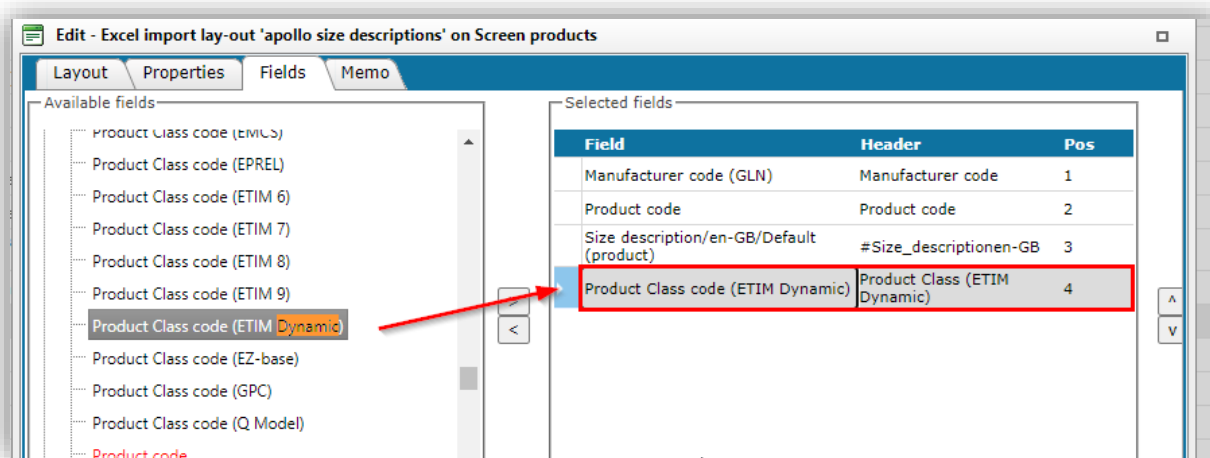
5.1 Add the product class on import

Compano recommends adding the ETIM product class of a product *on import*. Simply add a column to your import file which will contain the product's ETIM class, for instance:

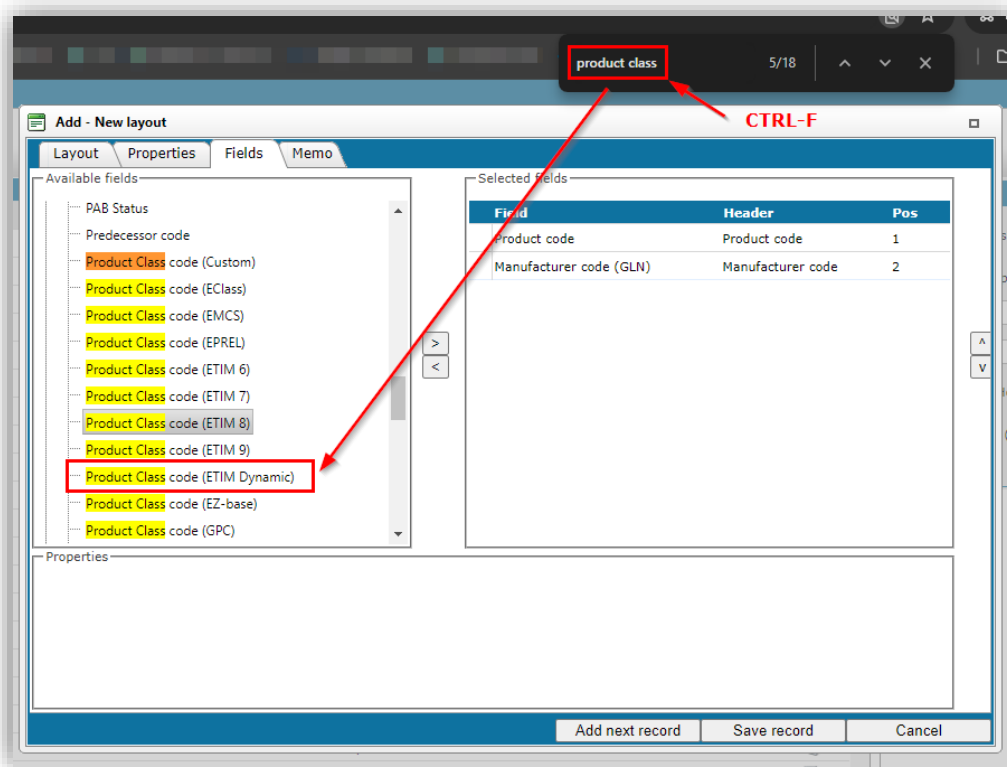
	S	T	U	V	W	X	Y	Z
1	Brand	Series	Type	Product code	Short product description	Product description	Product group code	ETIM EC class
2	VX Sanitair	Elegant	Washbasin	EW-002348	Washbasin, single, with taphole	Washbasin, single, with taphole	00023	EC011550

The corresponding import layout should contain the **Product Class code (ETIM [version])** data field.

Note: For Dutch and Belgium data exchange, please use the **Product Class code (ETIM Dynamic)** version of this field.



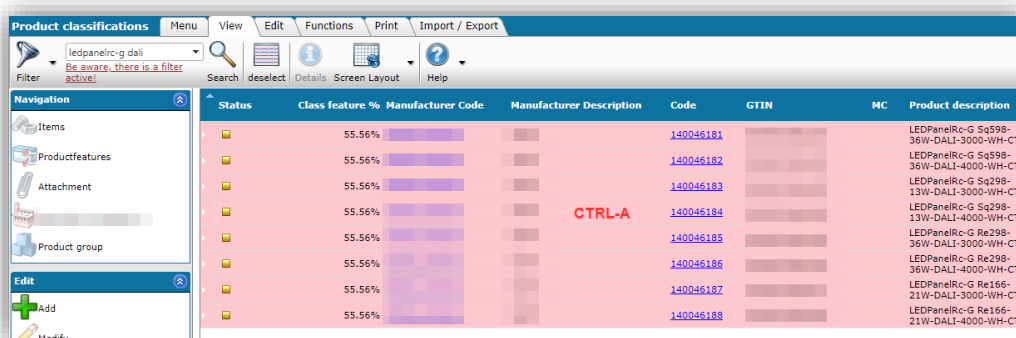
Important: The **Product Class code (ETIM [version])** data fields can be found in the Available fields selector, by extending the All Fields category and using **CTRL - F** to search for 'product class':



5.2 Assign the product class in PIM COS

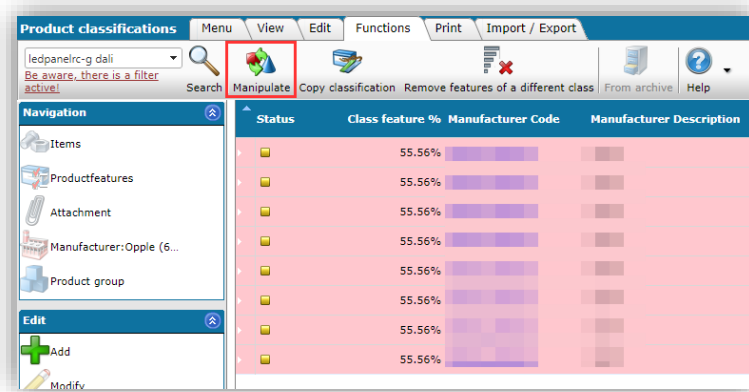
Alternatively, you can use the function *Manipulate* within COS PIM to assign a product class to a set of *similar products* which should all be assigned the same class:

1. At the *Product classifications* screen, use the Filter and Search options to find a set of similar products.
2. Select³ all products in the set, either using *CTRL-A* or the *Select All* button on the View tab:



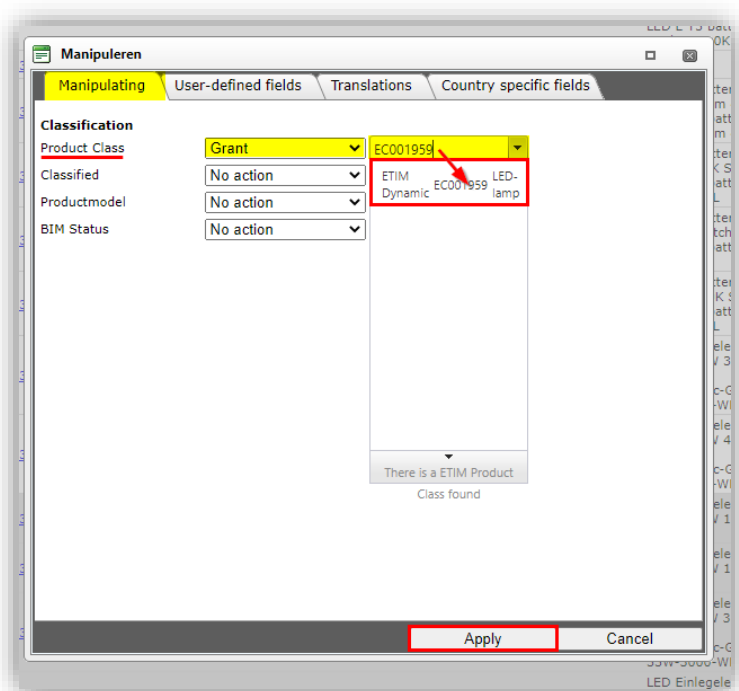
3. Next, under Functions, click on *Manipulate* to assign an ETIM product class:

³ A manual selection can also be made, using **SHIFT-click** and/or **CTRL-click**.



4. In the pop-up window, on the tab *Manipulating product*, set the *Product Class* to *Grant* and fill in an ETIM product class code.

Tip: If you copied the EC-code to your clipboard (see instructions in [Appendix A: How to find the correct ETIM product class](#)), you can now use CTRL-V to paste the code into the Product Class field:




5. Make sure to click on the class in the drop-down window to properly select the class (!)
6. Click on *Apply* to assign the class to all selected products.

6 Enter common class feature values

Once a product class has been assigned, the *Product Class Features* need to be filled out. Depending on the status of the classification of the product(s), one of two methods is recommended:

Classification quality status:


- Fill ETIM features (): preferably use the *Manipulate* method

- Complete ETIM features (): use the *ExcelForImport* method

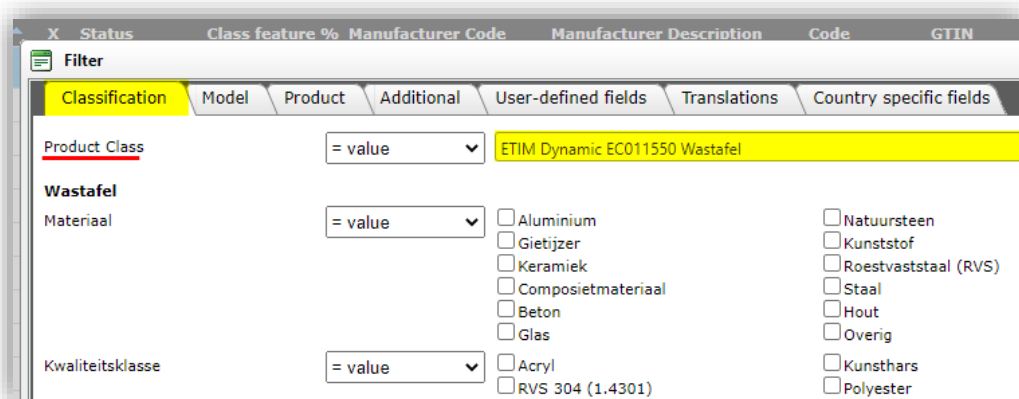
6.1 Method 1: Manipulate

For new products with the *Fill ETIM features* -tatus, you can easily manipulate common class feature values, provided you set the Filter to products of a *single ETIM class*.

To manipulate the values of class features:

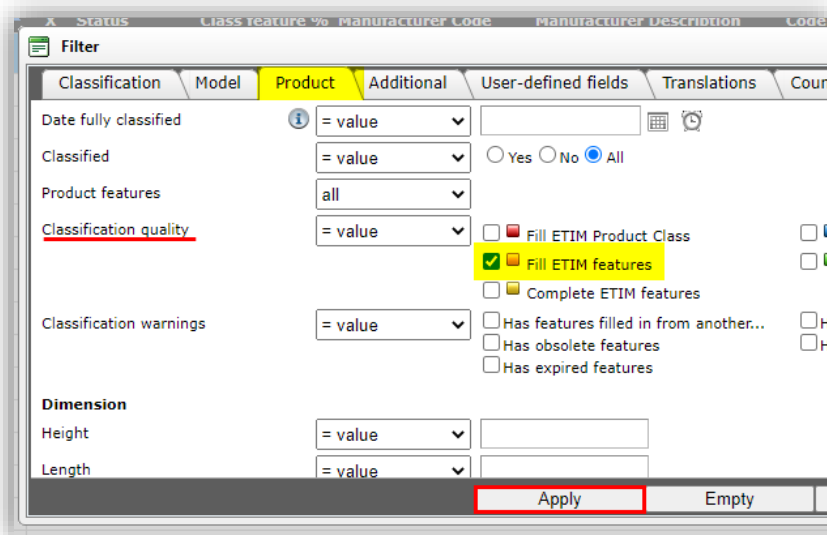
- Through the menu, go to *Products > Product Classifications*.
- Use the Comprehensive Filter to select products of a *single ETIM class* with *classification quality status*: Fill ETIM features ()

Classification tab



- Product class: Select a single ETIM class

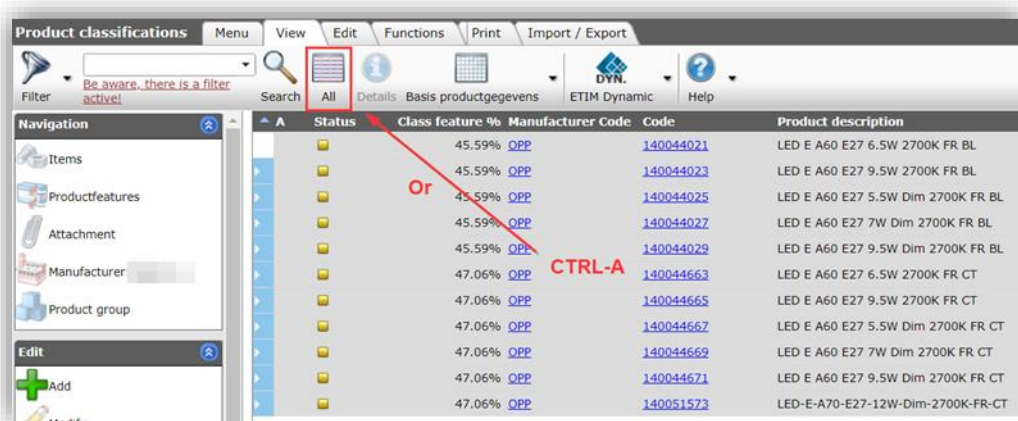
Additional tab



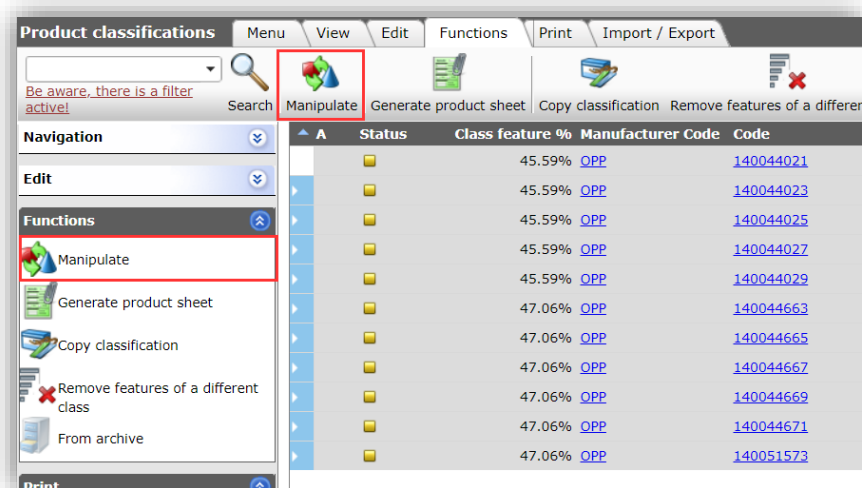
- Classification quality: Select the *Fill ETIM features* status.
- Optionally, refine your filter results using the Quick Filter of Search options.

When classifying products, never use the Quick Filter to select products of a single assigned class!

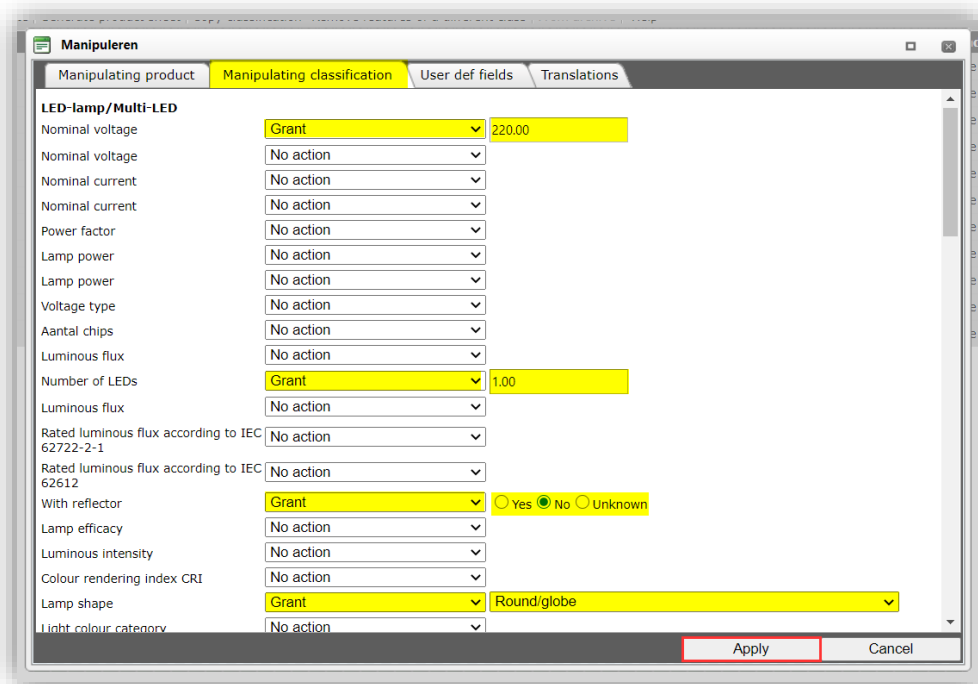
- Select all the products in your set, using *CTRL-A*, the *Select All* button, or make a manual selection:



- Next, use the *Manipulate* function:



- In the pop-up window, go to the *Manipulating classification* tab:



Feature	Action	Value
LED-lamp/Multi-LED		
Nominal voltage	Grant	220.00
Nominal voltage	No action	
Nominal current	No action	
Nominal current	No action	
Power factor	No action	
Lamp power	No action	
Lamp power	No action	
Voltage type	No action	
Aantal chips	No action	
Luminous flux	No action	
Number of LEDs	Grant	1.00
Luminous flux	No action	
Rated luminous flux according to IEC 62722-2-1	No action	
Rated luminous flux according to IEC 62612	No action	
With reflector	Grant	<input type="radio"/> Yes <input checked="" type="radio"/> No <input type="radio"/> Unknown
Lamp efficacy	No action	
Luminous intensity	No action	
Colour rendering index CRI	No action	
Lamp shape	Grant	Round/globe
Light colour category	No action	

For each class feature that is common to all products in your set:

- Action drop-downs: Select *Grant* in the drop-down menu. **Important:** Leave the setting for any *unique* features on *No action*.
 - Value fields: Fill out the feature value, either by selecting the (alphanumeric) value from the drop-down menu, entering a number, or selecting Yes/No/Unknown.
7. To save all changes, click on *Apply*.

6.2 Method 2: ExcelForImport

Another method to assign values to common Product Class Features makes use of the *ExcelForImport* option. This method is explained in chapter 8: [Update classification](#).

7 Enter unique class feature values

After completing common class features, you will be left with *unique class features* for each product, which also need to be filled out. This can be done using the *ExcelForImport* option. This method is explained in chapter 8: [Update classification](#).

8 Update classification [ExcelForImport]

The ExcelForImport-method handles all scenarios for updating classification data:

- Enter common class feature values
- Enter unique class feature values
- Change or correct existing classification data
- Complete classification data

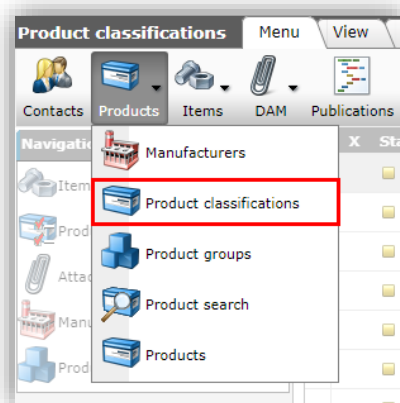
Updating of product classification data can be done through dedicated export layouts for product and model classes. These layouts are available on the Product and Product Classification overviews.

For convenience sake, a **Standard productclassificatie export in Excel - L03 layout** has been prepared for COS PIM applications.

Note: Only (ETIM) classification *feature values* and Model Class features can be updated this way. (ETIM) Product and Model classes need to be assigned to products via Import, Editing or Manipulation.

To update classification data:

1. Through the Menu go to *Products > Product Classifications*.

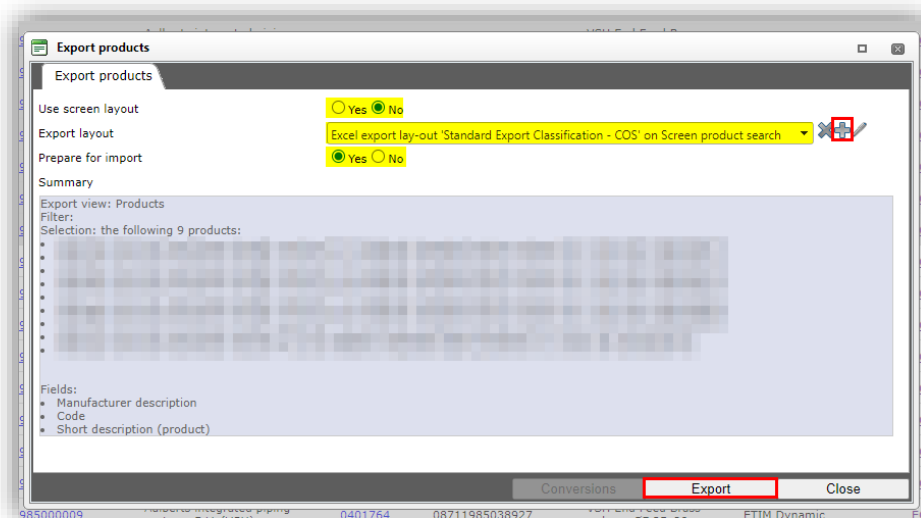


2. Use Filter and Search to select a set of products.

Note: The new update method also allows for editing products of *multiple, different classes*.

X	Status	Class feature %	Manufacturer Code	Manufacturer Description	Code	GTIN	Product description	Classification system	Product Class
		54.55%	801949507		1041005	5025063		ETIM Dynamic	EC011652
		54.55%	801949507		1171023	5028088			EC011652
		68.00%	801949507		11882002	5178974			EC011767
		54.55%	801949507		1200023	5028736			EC011652
		68.42%	801949507		1200400	5028767		ETIM Dynamic	EC010338
		68.42%	801949507		1200500	5028774		ETIM Dynamic	EC010338
		68.42%	801949507		1200600	5028781		ETIM Dynamic	EC010338

3. Go to the Import / Export tab and click on *Export products*.
4. In the pop-up window:



5. Use screen layout: Set to *No*.

- a. Use screen layout: Set to *No*.
 - b. Export layout: Either select the *Standaard productclassificatie export in Excel - L03* layout, or click on the **+**-icon create a new Classification Export layout.
 - c. Prepare for import: Make sure to set this to *Yes(!)*
6. Click on the *Export* button.

The classification data will be exported to an *ExcelForImport* file, which can be identified by the **date** and **time** in the file name, for example **COS-ExcelForImport-Products-20210607-112956.xlsx**.

The ExcelForImport file can be renamed, however make sure that the filename always starts with COS-ExcelForImport, as otherwise the import will fail!

8.1 Adding / updating classification data

The **ExcelForImport**-file can be used to add or update any classification data.

How to create an Export Classification layout on-the-fly

- I. In the second pop-up window, on the *Layout* tab, enter a *Name* for the new layout:

- II. Next, on the Properties tab, select the *Export type*: **Include product classes**

- III. Optional: Next, on the Fields tab, add any other data fields you need in your layout:

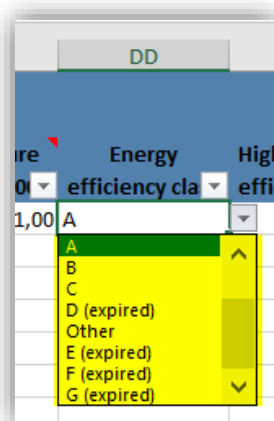
Field	Header	Pos
X	X	1
Classification quality	Status	2
Class features filled %	Class feature %	3
Manufacturer code	Manufacturer Code	4
Manufacturer description	Manufacturer Description	5
Code	Code	6
GTIN	GTIN	7
Description	Product description	8
Product Class classification system	Classification system	9

The worksheets in the ExcelForImport-file have been protected in such a way that you can only edit class features. Please do not remove this protection as the import will fail.

The following data types can be changed:

Wall-mounted gas combination boiler						
C	Class feature %	Manufacturer Description	Code	Short description (product)	Material heat exchanger	Material
No	19,39%		140043899	LED E TS BATTEN 600 9W 800LM 4000K CT	Aluminium	her
					Cast iron	
					Steel	
					Stainless steel	
					Aluminium	
					Copper	
					Other	

- C: The Classified status can be set to **Yes** if all known and applicable ETIM features have been filled out. Also see paragraph [8.2 SET CLASSIFICATION STATUS ON IMPORT](#).
- Alphanumeric features: Alphanumeric values can be selected from a drop-down list. Note: The drop-down list will contain all ETIM-certified values for the feature:



- Numeric features: Numeric values can be filled out by hand, copy-pasted from another source, or can be calculated using standard Excel formulas.
- Range features: Features where a numeric range must be specified have been split into a *minimum* and *maximum* value; both need to be filled out:

Operating pressure at 20 °C	Membrane-controlled	Adjustment range (kPa)		Max. temperature
		Min	Max	
1000,00	No	10	70	
1000,00	No	10	70	
1000,00	No	10	70	
1000,00	No	10	70	

- Logical features: Correct values for a logical feature are *Yes*, *No* or *<empty>*. An empty value is exported in DICO/SALES/INSBOU as *Unknown*. The logical values can be selected from the drop-down list:

E	F	G	H	
Material quality	Surface protection	Surface treatment	System specific	No dia
40Pb2 (CW6)	Untreated	Untreated	No	12
			No	
			Yes	

Note: Exporting classification data of *multiple classes* will result in an Excel file with *multiple tabs*; one for each ETIM class. Select each tab in turn to edit the data of products in that class:



8.2 Set classification status on import

The *Classification status* (Yes/No) can be used to indicate whether all known and applicable ETIM features have been filled out. See also chapter [9. CLASSIFICATION STATUS](#) for a more detailed explanation.

To set the *Classification status* on import, change the value in *column C* of the ExcelForImport-file:

- Set status to **Yes**: All known and applicable ETIM features of the product have been filled out
- Set/leave status to **No**: Some ETIM-features still need to be filled out, but the correct information is currently unavailable.

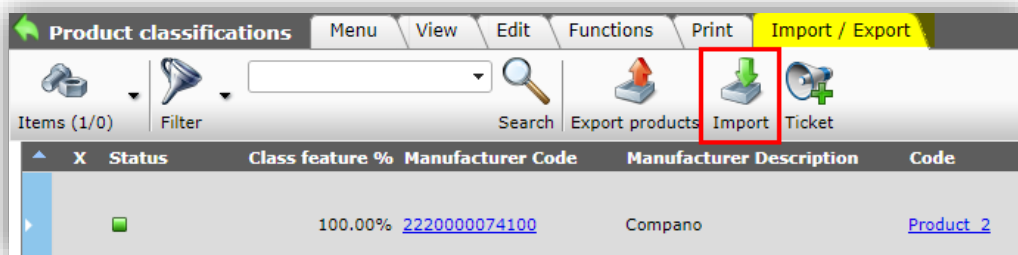
A	B	C	D
Explosion proof CEE socket outlet (IEC 60309)			
C	Class feature %	Manufacturer Description	Code
No	35,71%		140043900
Yes	35,71%		140043901
No	28,57%		140043902
No	28,57%		140043903

An alternative method is to [9.2.1 SET CLASSIFICATION STATUS MANUALLY](#).

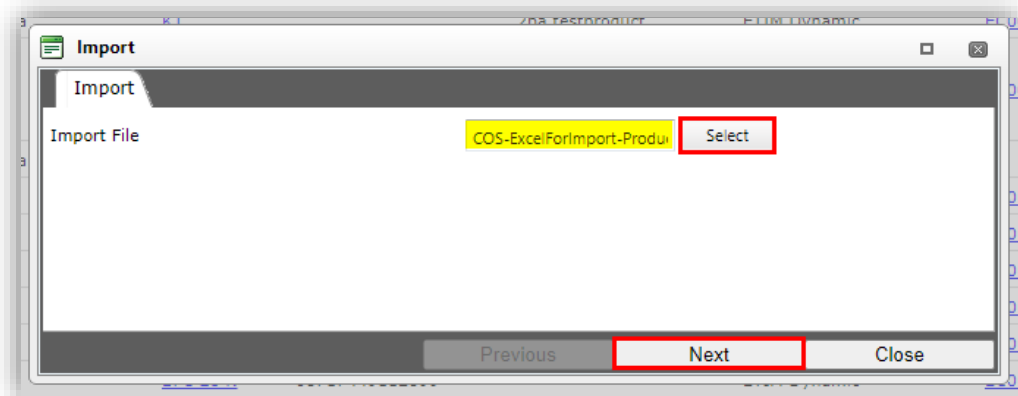
8.3 Importing updated classification data

Once the update ExcelForImport-file has been saved, the file can be imported into COS:

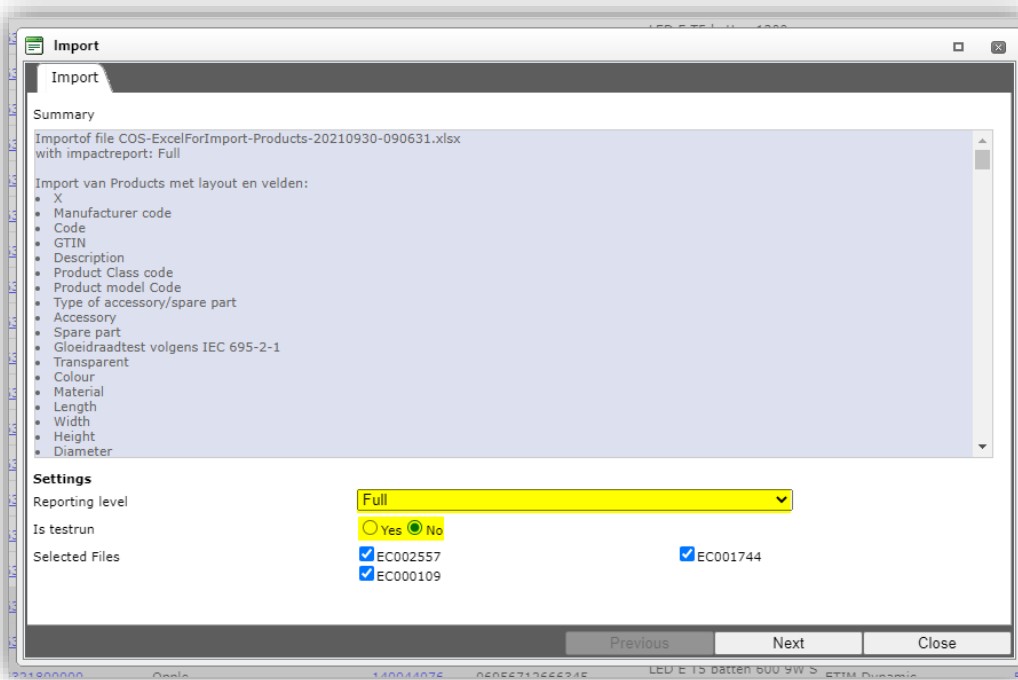
1. On the Product classification overview, to the *Import/Export* tab and click on the *Import* button:



2. In the Import dialog, select the COS-ExcelForImport-file that holds your updated data and click on *Next*.



3. In the next dialog window:



- a. Reporting level: Select the reporting level for the import report:
 - i. None: Do not generate an import report. This will result in the fastest import.
 - ii. Full: Generate a full import report, including all changes in all fields. This will result in the slowest import as all fields will be checked.
 - iii. Only warnings: Generate an import report only listing warnings. This import is generally faster than with a Full report.

- b. Is testrun: Set to *Yes* to simulate an import; this will only generate an import report listing any potential error and/or warnings. No data will be imported!
 - c. Selected files: When multiple classes were changed, the import Excel file will contain **multiple tabs with data; these tabs are considered separate 'data files'**. Important: Leave all boxes checked to import all the (changed) data of all classes.
4. Click on *Next* to start the import and check your e-mail or *System > Logs* for the Import analysis report. For more information on this report, see paragraph [14.2.3 CLASSIFICATION REPORT](#)

9 Classification status

Once you have completed assigning or updating your classification data, you might be left with one or more features that cannot be filled out, either because:

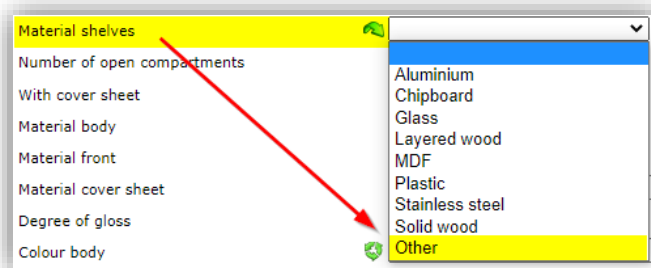
- The correct ETIM *value* is *missing*
- The class feature is *not applicable* to your product
- You do *not know* the correct feature value

Missing values are best handled by sending a change request to ETIM. Unknown values and not applicable features can be communicated to data pools 2BA and InstallData, using the DICO/SALES005 exchange format by setting the *Classification status* to **Yes** even if not all ETIM features have been filled out. See the next paragraphs for a detailed explanation.

9.1 Missing Value [MV]

Missing Value only applies to alphanumeric ETIM features where a correct ETIM value is missing for your product.

- Alphanumeric value: When the feature does apply to your product, but the correct value is missing, select the option *Other* in the drop-down menu:



Note: A *Missing Value* code will not be sent to data pools 2BA and InstallData. You can use the [ETIM Classification Management Tool \(CMT\)](#) to submit a change request and ask ETIM to add a missing value.

9.2 Not Applicable [NA]

Not Applicable means the ETIM Feature does NOT apply to your product and you therefore cannot fill out a value:

- Alphanumerical value: Select the 'empty' option:

- Numerical or Range value: Leave the field blank:

- Logical value: Choose the option *Unknown*.

9.2.1 Set classification status manually

Once you have filled out all ETIM features it is important to set the Classification status of the product **Yes**. Only this way the code NA will be sent to data pools 2BA and InstallData.

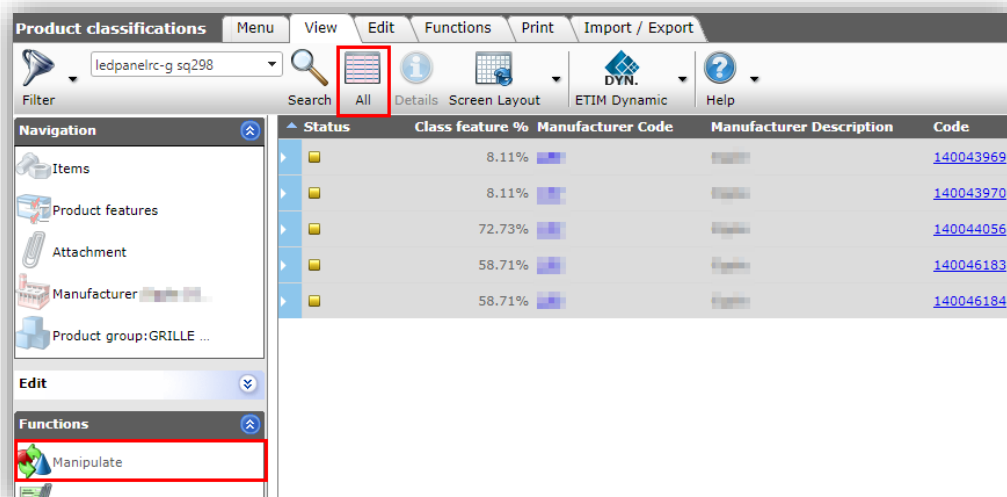
The Classification status can be set on import (see paragraph [8.2 SET CLASSIFICATION STATUS ON IMPORT](#)) OR [MANUALLY](#):

- Through the Menu go to *Products > Product Classification*.
- Use Filter and/or Search to find the product.
- Under *Edit*, click on *Modify*.
- In the pop-up window, go to the *Product* tab:

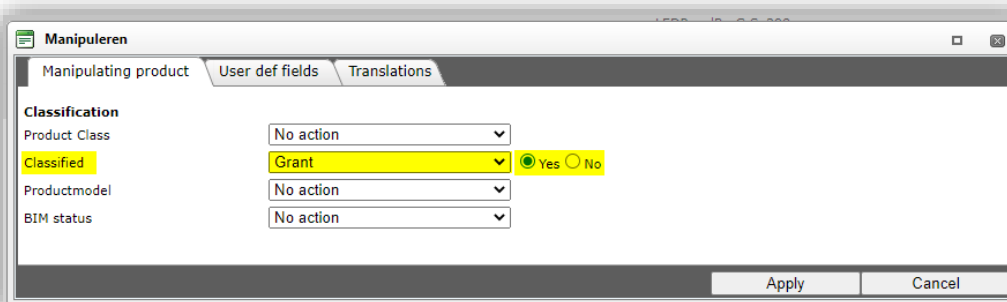
- Scroll down to the *Status* section and set *Classified* to *Yes*.
- Click on *Save*.

Alternatively, you can set the *Classified* status of multiple products using the function *Manipulate*:

- Through the Menu go to *Products > Product Classification*.
- Use Filter and/or Search to find the set of products that you need to manipulate.
- Use *CTRL-A* or the *Select All* button to select all products in the set:



4. Under *Functions*, click on *Manipulate*.
5. In the pop-up window, on the *Manipulating product* tab, set *Classified* to *Grant* and select *Yes*.



6. Click on *Save*.

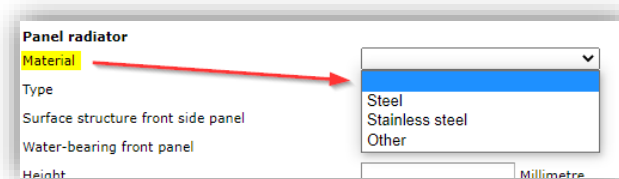
Note: Should you make use of ETIM Dynamic and should any changes be made by ETIM to this class, the Compano Software will *automatically* set the *Classified* status back to *No*.

Note: You will receive *no notification* about this status change, however any mutations of ETIM class should be apparent from an ETIM mutation report. Compano recommends to generate this report weekly; see [14.3 ETIM MUTATION REPORT](#).

9.3 Unknown {UN}

Unknown means the ETIM Feature does apply to your product, however you do not know its value (yet) and therefore cannot fill out the feature:

- Alphanumerical value: Select the 'empty' option:



- Numerical value: Leave the field empty:

Length	600.00	Millimetre
Depth	Leave empty	Millimetre
Heat emission according to EN 442 20 °C - 55/45		Watt

- Logical value: Choose the option *Unknown*.

With cover sheet	<input type="radio"/> Yes <input type="radio"/> No <input checked="" type="radio"/> Unknown
Material body	

Unknown (UN) is the default code that is sent with empty fields. However, should you export your data using the SALES005 exchange standard, then any empty fields of products with the status Classified will get the Not Applicable (NA) code.

10 Special class features

Some ETIM class features are treated differently; these include *Local features* and *Conditional features*.

10.1 Local features

With *Local Features* it is possible to specify *country-specific characteristics* in ETIM, for example, the Dutch quality mark KIWA for drinking water related products.

54	EF021900	ULC quality mark	L			
55	EF021907	UL quality mark	L			
Local features						
56	EFDE0010	VdS quality mark	L			
57	EFNL0001	KIWA certified	L			
58	EFNL0002	Gastec QA mark	L			
59	EFSE0002	Type approval according to BBR/EKS	L			

The old ETIM Feature code indicated that a feature had to start with **EF** or **EFI** and then resp. 6 or 5 digits. The new Local Features have a different format, namely **EF** + 2 letters + 4 numbers. The 2 letters are used to indicate the country, so for example **EFNL0001** stands for the Dutch KIWA label.

Local ETIM features can be filled out just like ordinary ETIM features, and can be exported as of Compano version L03.

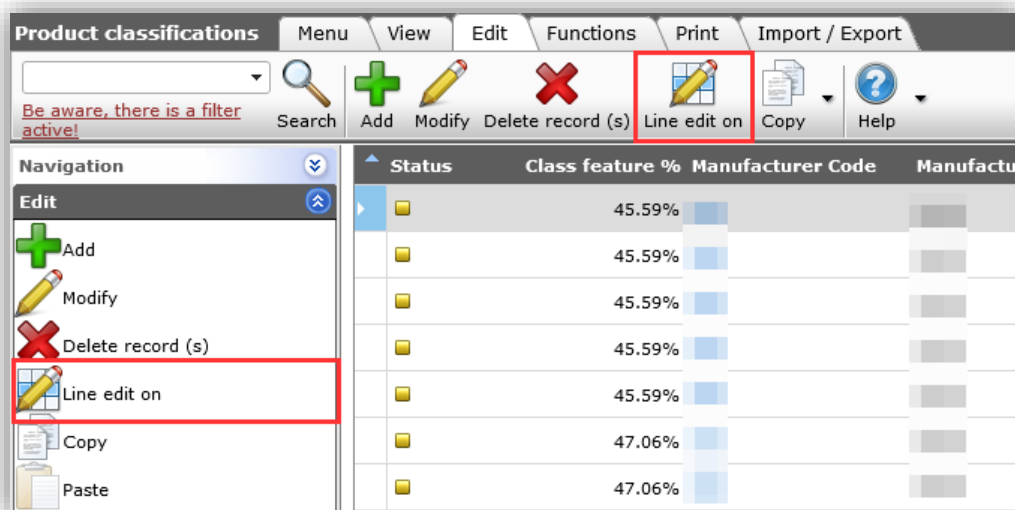
10.2 Linked features [UDF]

With the user-defined fields (UDF) license, you have to option to map UDFs to ETIM class features and values; these features are thus linked to the value a UDF and cannot be updated directly. For more information on linked features, please see our manual on *Mapping User-defined Fields*.

11 Quick corrections: Line Edit

Alternatively, values of Class Features can be changed directly using the *Line Edit* function:

- At the *Product Classification* screen, with your selection of products ready, under *Functions* click on *Line Edit On*.



- The screen will reload, changing alphanumeric values to drop-down boxes and changing numerical values to on-screen editable fields. Note: Depending on the number of products in your selection, it can take a while to reload the screen:

The screenshot shows a table with columns: Photobiological safety according to EN 62471, Compatible with Apple HomeKit, Input current (A), Compatible with Google Assistant, and Operating temperature (°C). The table contains several rows of data. Annotations include: 'On-screen editable drop-downs and fields' pointing to a dropdown menu for 'Photobiological safety according to EN 62471'; 'Ranges are NOT editable' pointing to the 'Operating temperature (°C)' column.

Photobiological safety according to EN 62471	Compatible with Apple HomeKit	Input current (A)	Compatible with Google Assistant	Operating temperature (°C)
RG1	<input type="checkbox"/>	0.05	<input type="checkbox"/>	-20 40
Other	<input type="checkbox"/>	0.08	<input type="checkbox"/>	-20 40
RG1	<input type="checkbox"/>	0.03	<input type="checkbox"/>	-20 40
RG2	<input type="checkbox"/>	0.04	<input type="checkbox"/>	-20 40
RG0	<input type="checkbox"/>	0.05	<input type="checkbox"/>	-20 40
RG1	<input type="checkbox"/>	0.05	<input type="checkbox"/>	-20 40
RG2	<input type="checkbox"/>	0.05	<input type="checkbox"/>	-20 40
RG3	<input type="checkbox"/>	0.08	<input type="checkbox"/>	-20 40
RG4	<input type="checkbox"/>	0.03	<input type="checkbox"/>	-20 40
Other	<input type="checkbox"/>	0.03	<input type="checkbox"/>	-20 40
	<input type="checkbox"/>	0.04	<input type="checkbox"/>	-20 40

- Change any alphanumeric or numerical values directly on-screen. Any changes you make are immediately written into the Compano database.

Notes:

- Click on any numerical value to edit it.
 - Range values are NOT editable.
 - Since INSBOU004/SALES005 checkboxes can indicate one of THREE values: *Yes*, *No* or *Unknown*; these 'logical' values are best changed using the *Edit* function to avoid confusion.
- Important: Do not forget to click on *Line Edit Off* to switch line editing off.

12 Using alternate classification systems

ETIM is not the only classification system available; besides fixed ETIM versions (ETIM 7, ETIM 6), alternate systems include GS1, EZ-base, GPC, Q-model, etc.

12.1 Static ETIM version [ETIM 10, 9, 8, 7 etc.]

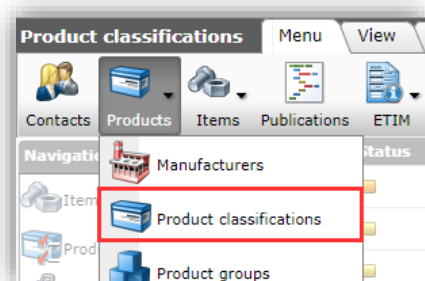
ETIM is a *dynamic* classification system with weekly updates to classes, features and values. However, should you wish to forego regular updates and concentrate on a static set of classes, features and values, you can do so by using any of the fixed ETIM versions.

To this end, Compano offers the *ETIM 10 (9, 8, 7, etc)* static standard, next to *ETIM Dynamic*. Should you need to make use of an even earlier fixed ETIM version, please contact Compano Support, support@compano.com.

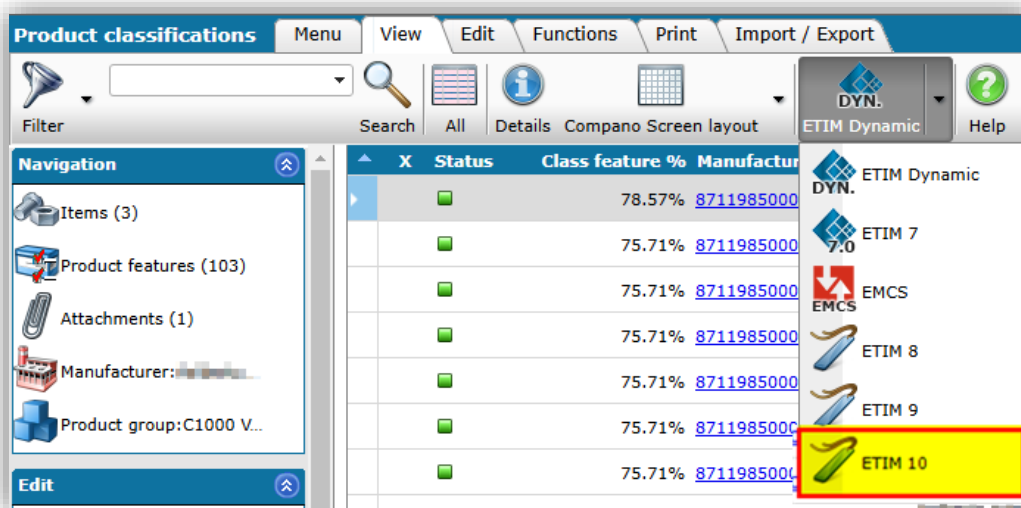
12.1.1 Classification using ETIM 10 (or older)

By default, the Compano PIM software is set to ETIM Dynamic. To use ETIM 10 (or older) instead:

1. Through the Menu go to *Products > Product Classifications*.



2. Next, on the *Product Classifications* screen, at the *View* tab, select *ETIM 10*⁴:



3. To classify your products using this system, please follow step 1 to 4 from this manual, substituting any instructions for *ETIM Dynamic* with *ETIM 9* instead.

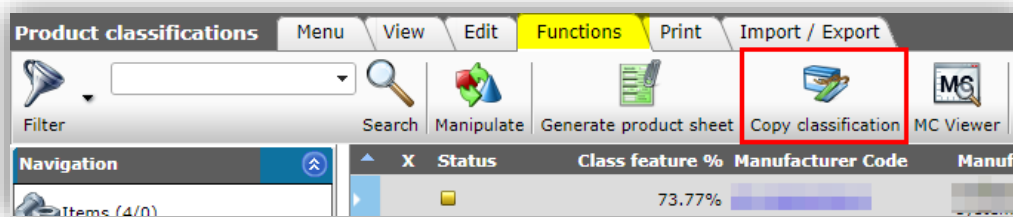
12.1.2 Copy ETIM classification

When using multiple ETIM classification systems, you have the option to *copy classification* from one system to the other.

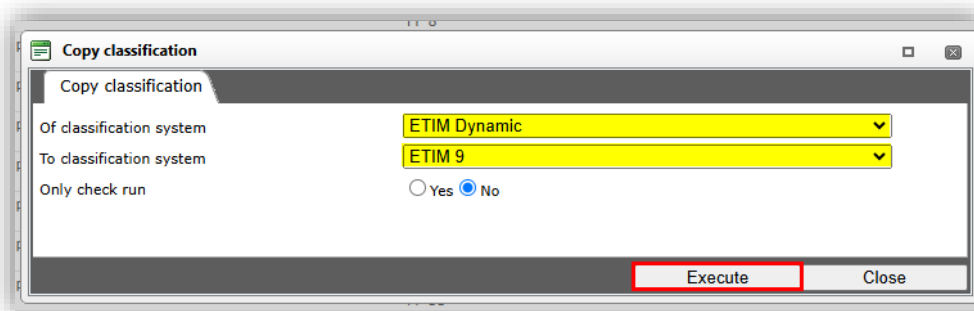
To copy classification:

1. Through the Menu, go to *Products > Product classifications*.
2. Switch to the *Functions* tab and click on *Copy classification*.

⁴ Or select another ETIM version.



3. In the pop-up window:



- From classification system: Select the classification system from which the data is to be copied (SOURCE).
 - To classification system: Select the classification system to which the data is to be copied (TARGET).
 - Only check run (no update): Set to *Yes*, if you need to run a simulation of the copying process; a report is generated but no actual data is copied.
4. Click on *Execute* to start the copying process.

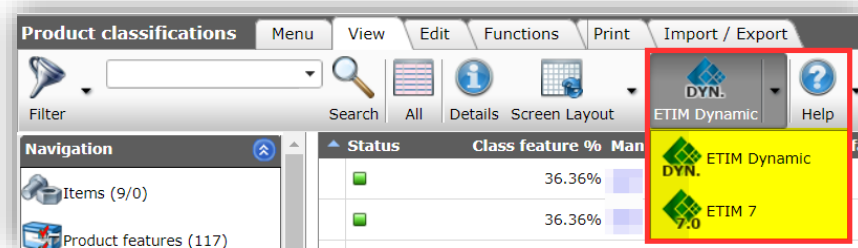
Some things to take note of:

Source	Target	Action
Feature value filled	Feature value empty	Target value overwritten with source value
Feature value filled	Feature value filled, but different value	Target value overwritten with source value
Feature value empty	Feature value filled	Target value <i>not</i> overwritten

- Features that are present in the source-side ETIM system, but not in the target-side ETIM system are *not* copied
- Features that are present in the target-side ETIM system, but not in the source-side ETIM system are left untouched (whether empty or filled)

12.2 Multi-model classification

With multi-model classification you can classify your products in multiple, different classification systems, such as EZ-base, GPC, Q-model, eCI@ss and EMCS. Multi-model classification is available as an additional software module, which will add a classification system selector button to the View tab of your Product classification screen:



Note: *ETIM Dynamic* is available as the *default* classification system. Should you wish to use any other classification system, please contact sales@compano.com.

For more information, see the *Manual Multi-Model Classification*.

13 ETIM MC (BIM)

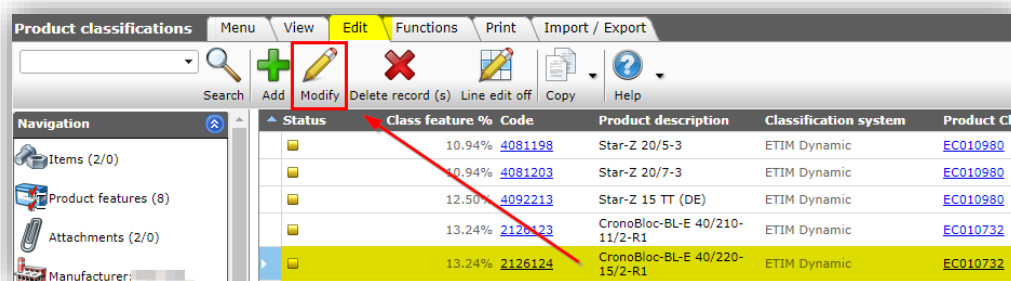
ETIM MC classification process (BIM) is similar to the standard classification process as discussed in this manual. For ETIM MC classification follow the steps described in chapters 3 to 7. Any exceptions are discussed in the paragraphs below.

Important: Product Models are linked to Product Classes. Therefore, *first* assign a Product Class to your product, before attempting to assign a Product Model.

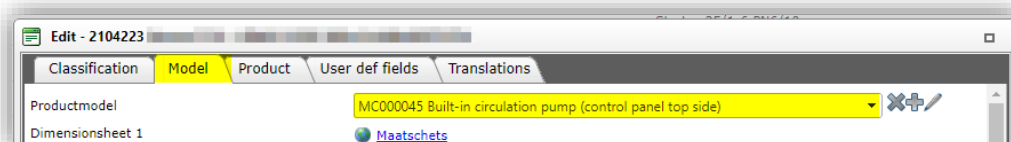
13.1 Assign Product Model

Assigning a Product Model is similar to assigning a Product Class:

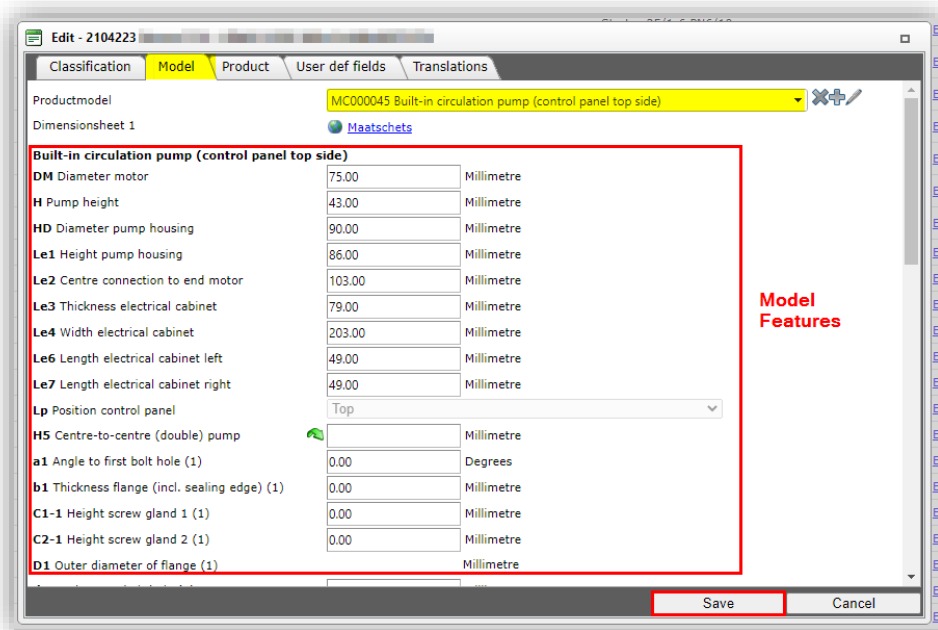
1. At the Product Classifications screen, select the product and, under Edit, click on *Modify*.



2. In the pop-up window, on the tab *Model*, select the *Product Model*



3. Selection of the Model will retrieve Product Model Features:

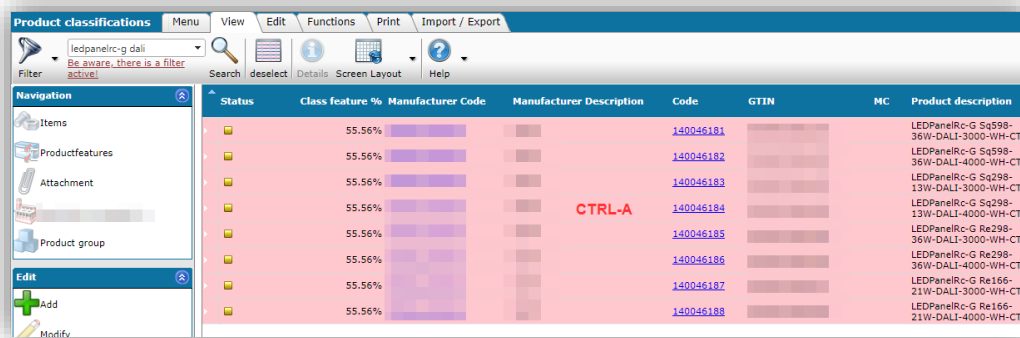


4. Either, click on *Save* to assign the Product Model to the product, or proceed with assigning values to the Model Features (see next paragraph).

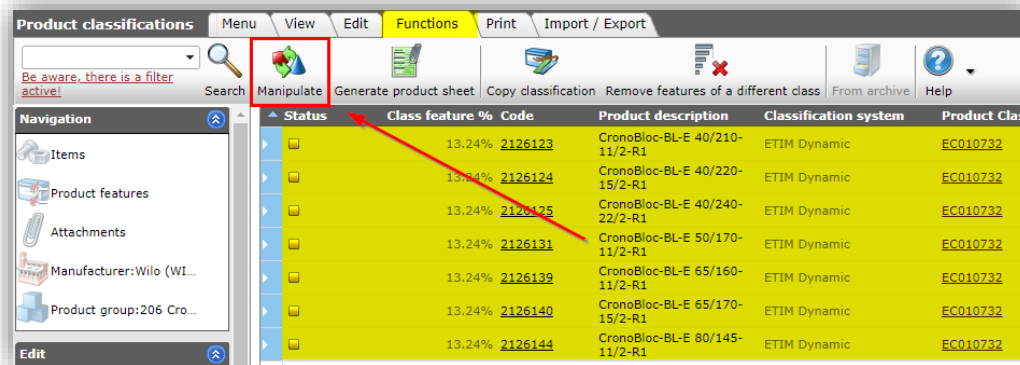
13.1.1 Assign to multiple products

To assign the same Product Model to multiple products:

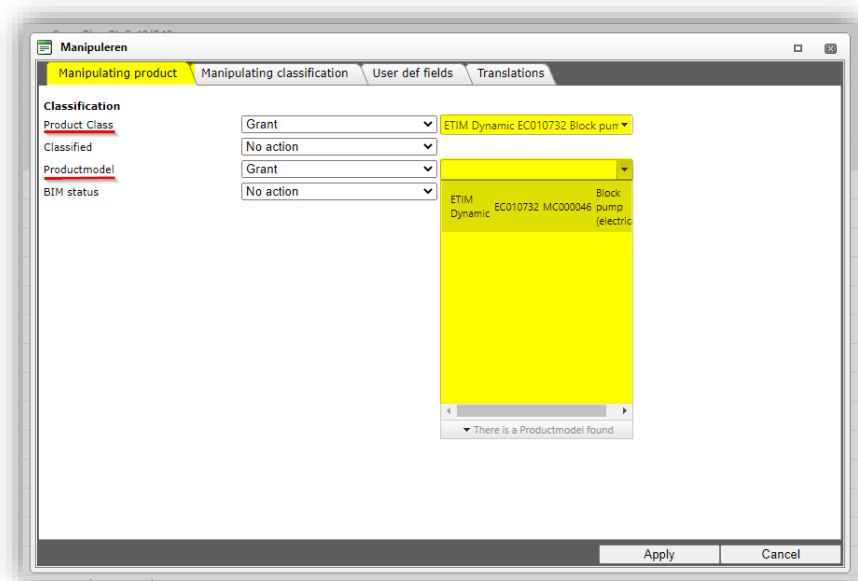
1. At the Product classifications screen, select all the products you filtered out using *SHIFT-click*, *CTRL-A* or the *Select All* button:



2. Next, under Functions, click on *Manipulate* to assign a Product Class:



3. In the pop-up window, on the tab *Manipulating product*:

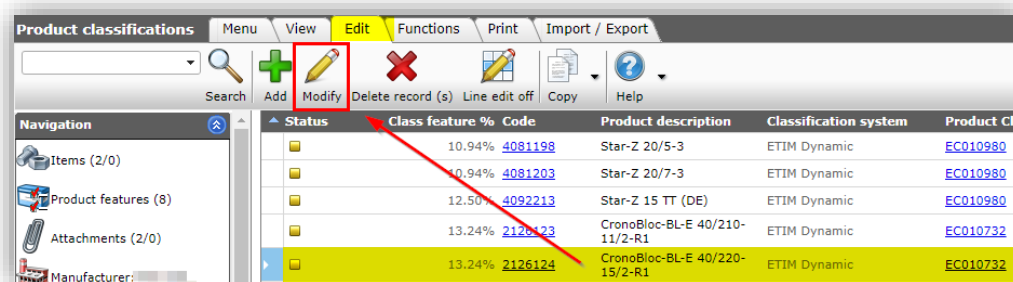


- a. Product class: First, set this option to *Grant* and enter the ETIM product class of the product (EC-code). Note: As the Product Class and Model are linked, this is a *mandatory* step, even if the product has already been assigned a Product Class (!)
 - b. Product Model: Next, select the linked Product Model from the drop-down list.
 - c. BIM status (optional): Optionally, set the BIM status to *Under construction*.
4. Click on *Apply*.

13.2 Assign Model Feature values

To assign values to the Product Model Features:

1. At the Product Classifications screen, select the product and, under Edit, click on *Modify*.



2. In the pop-up window, on the tab *Model*, fill in the Product Model Features:



Built-in circulation pump (control panel top side)		
DM Diameter motor	75.00	Millimetre
H Pump height	43.00	Millimetre
HD Diameter pump housing	90.00	Millimetre
Le1 Height pump housing	86.00	Millimetre
Le2 Centre connection to end motor	103.00	Millimetre
Le3 Thickness electrical cabinet	79.00	Millimetre
Le4 Width electrical cabinet	203.00	Millimetre
Le6 Length electrical cabinet left	49.00	Millimetre
Le7 Length electrical cabinet right	49.00	Millimetre
Lp Position control panel	Top	
H5 Centre-to-centre (double) pump		Millimetre
a1 Angle to first bolt hole (1)	0.00	Degrees
b1 Thickness flange (incl. sealing edge) (1)	0.00	Millimetre
C1-1 Height screw gland 1 (1)	0.00	Millimetre
C2-1 Height screw gland 2 (1)	0.00	Millimetre
D1 Outer diameter of flange (1)		Millimetre

- Next, click on *Save*.

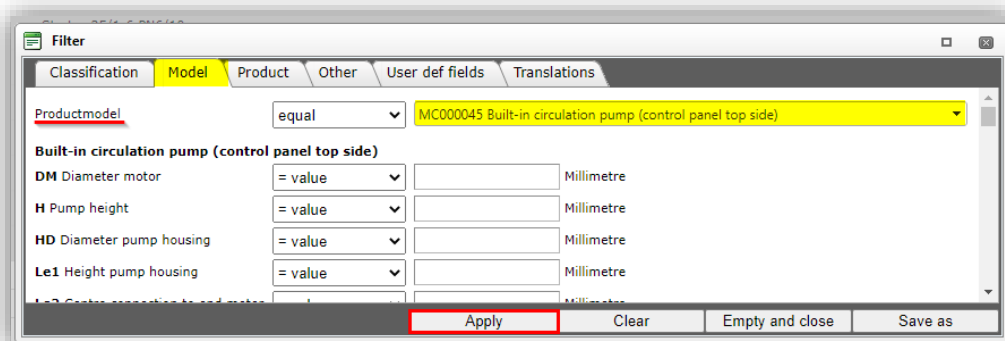
13.2.1 Assign to multiple products

To assign values to Model Features of multiple products:

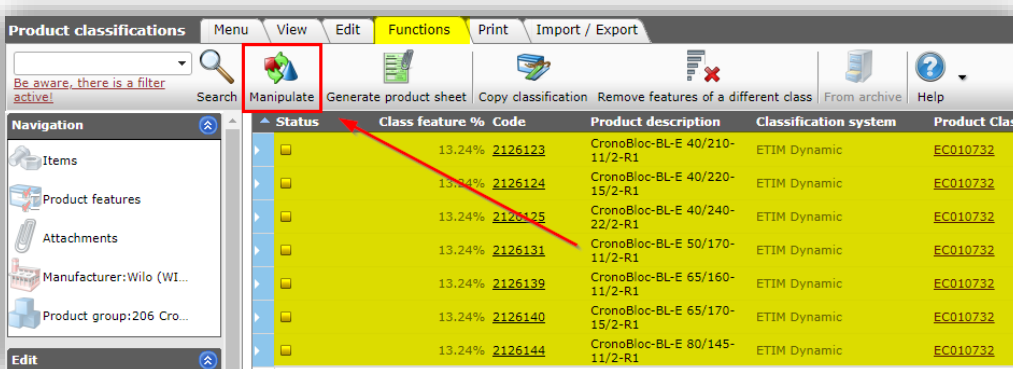
- At the Product classifications screen, first set a Filter to select the products of which you need to manipulate the Model Features:

Filter		
Product Class	equal	ETIM Dynamic EC010980 Built-in circulation pump
Built-in circulation pump		
Housing material	<input type="checkbox"/> Aluminium <input type="checkbox"/> Bronze <input type="checkbox"/> Copper <input type="checkbox"/> Brass	<input type="checkbox"/> Cast iron <input type="checkbox"/> Steel <input type="checkbox"/> Stainless steel <input type="checkbox"/> Plastic <input type="checkbox"/> Other
Material pump casing	<input type="checkbox"/> Aluminium	<input type="checkbox"/> Stainless steel <input type="checkbox"/> Steel
<input type="button" value="Apply"/> <input type="button" value="Clear"/> <input type="button" value="Empty and close"/> <input type="button" value="Save as"/>		

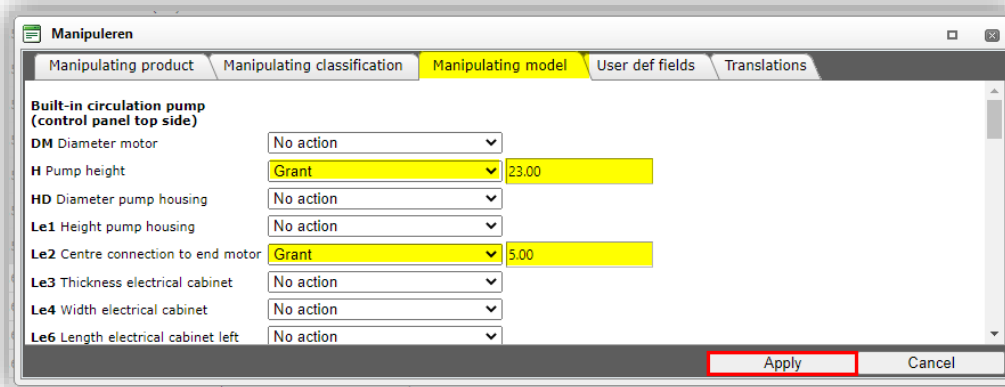
- Classification tab > Product Class: Set this option equal to the ETIM Product Class of the product.



- b. Model tab > Product Model: Set this option equal to the ETIM Product Model of the product:
 - c. Click on *Apply*.
2. Once your product have been filtered, under Functions, click on *Manipulate*:



3. In the pop-up window, on the tab *Manipulating model*, set the action to *Grant* for any features that are shared by the products in your selection and fill in the values:



4. Click on *Apply*.

13.3 BIM status and export

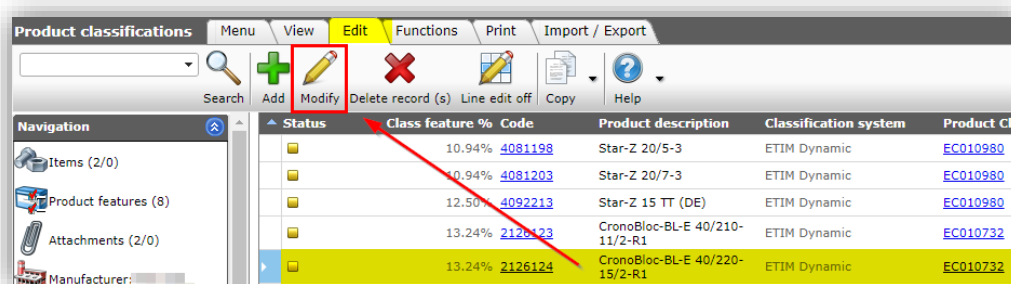
The *BIM status* field is used to facilitate the ETIM MC classification process. The following statuses are available:

- None: ETIM MC values will *not* be exported; this status is useful to indicate that ETIM MC (BIM) classification is not ready.

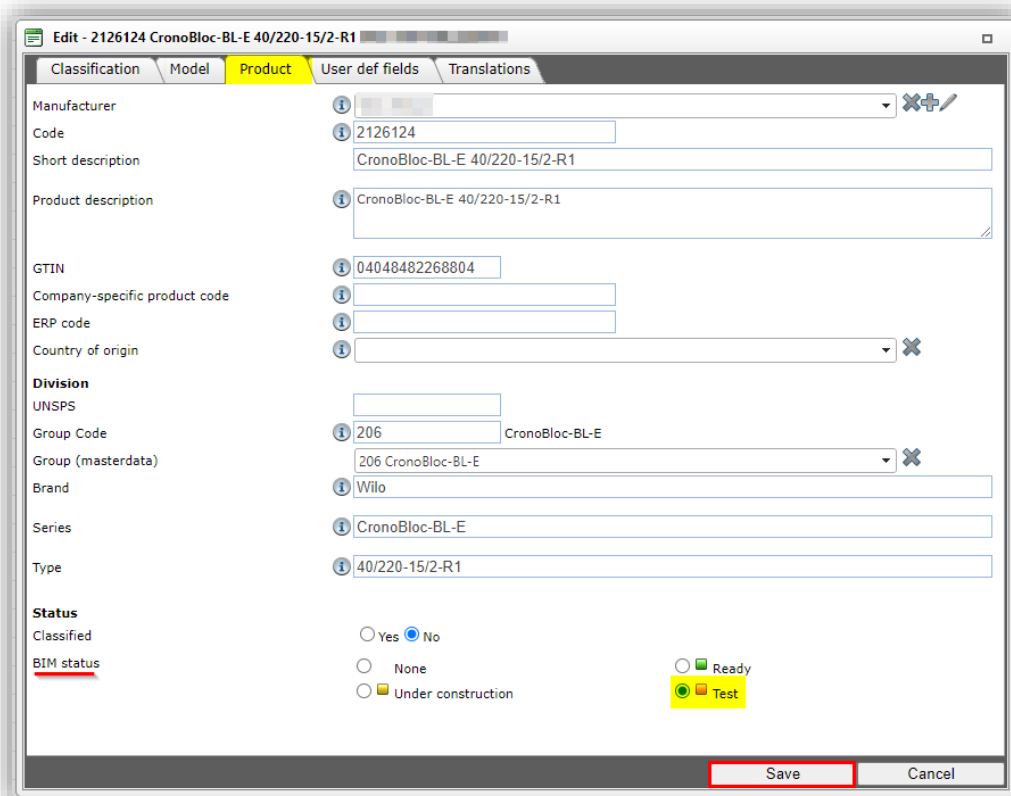
- Under construction: ETIM MC values will not be exported; this status is useful to indicate that ETIM MC (BIM) classification is in progress.
- Test: ETIM MC values will be exported when using the SALES005 export format; this format is useful for uploading to a data pool (2BA/InstallData).
- Ready: ETIM MC values will be exported when using the SALES005 export format; this format is useful to indicate that ETIM MC (BIM) classification is ready.

To set the BIM status of a product:

1. At the Product Classifications screen, select the product and, under Edit, click on *Modify*.



2. In the pop-up window, on the tab *Product*, scroll to *BIM status* to set the status:



3. Click on *Save*.

Note: To set the BIM status for multiple products, select multiple product and use the function *Manipulate*.

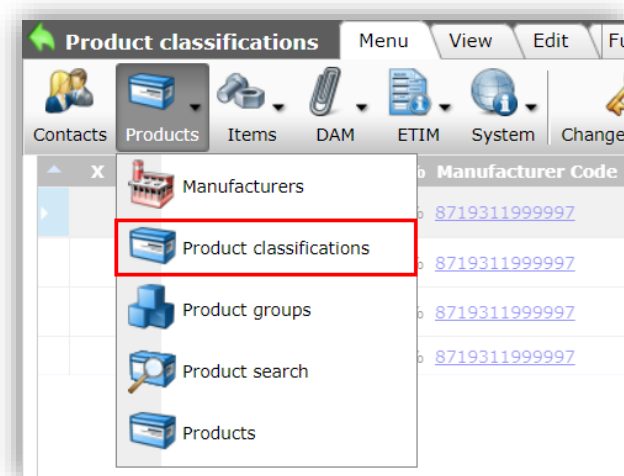
13.4 ETIM MC Viewer

An alternative way to viewing and editing ETIM MC data, is to use the *MC Viewer* which is provided by 2BA and has been integrated into Compagno PIM.

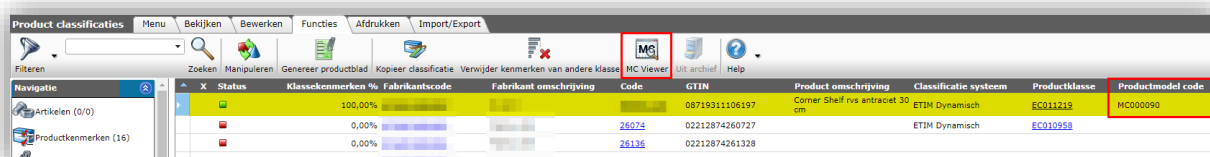
13.4.1 Viewing MC-data

To view Modelling Class data:

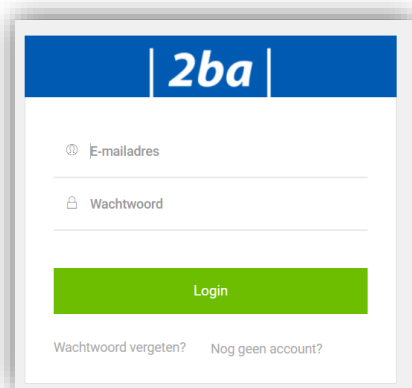
1. Through the Menu go to *Products > Product Classifications*.



2. Switch to the *Functions* tab, select a product⁵, and click on *MC Viewer* button:

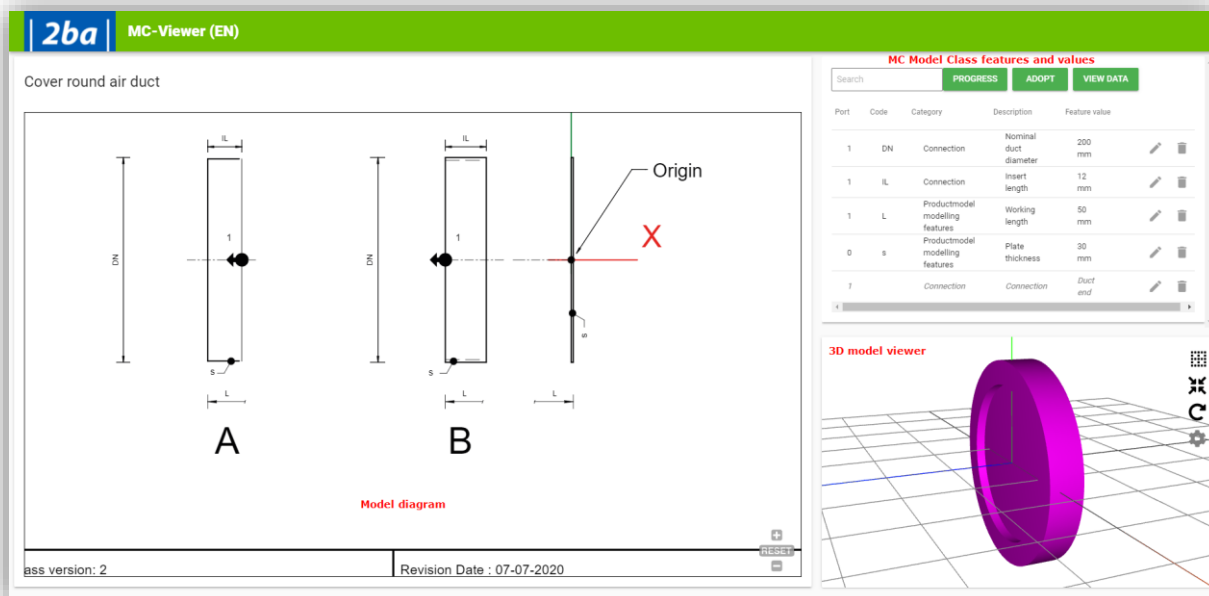


3. The MC Viewer will open in a new browser window, where you will be presented with a login dialog. Use your personal 2BA account to login:

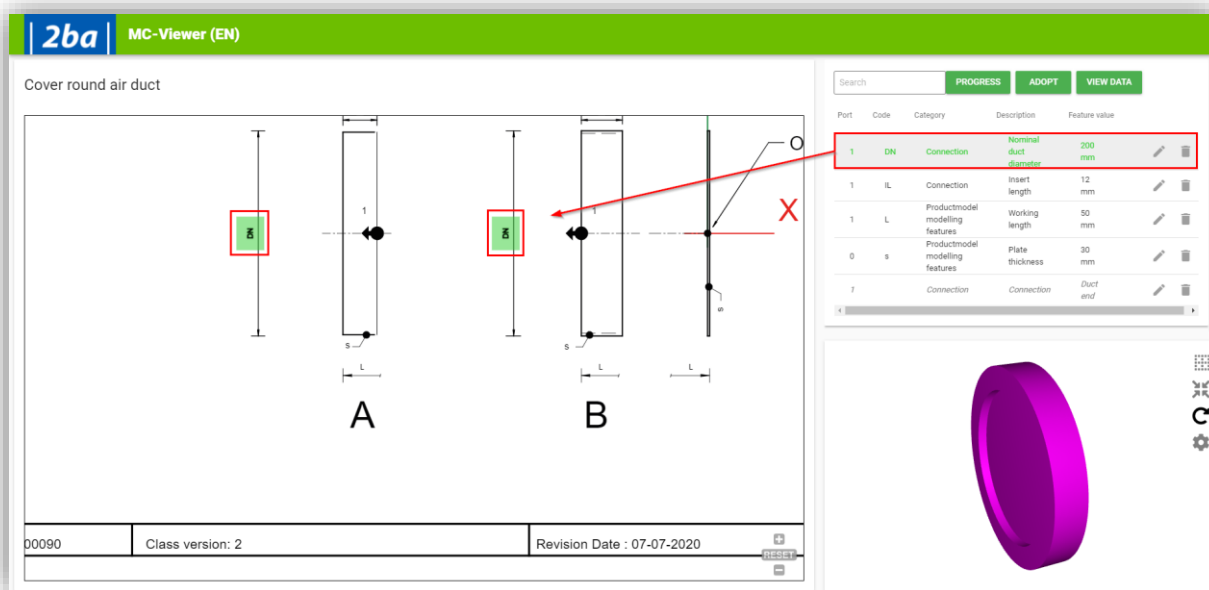


4. After login, you will have access to the MC Viewer application:

⁵ Note: Only products with a valid *ETIM Model Class* (MC#####) can be viewed and edited with the MC Viewer.



5. Note: MC Class features will be highlighted in the drawing (left column) if you hover your mouse over there values (right column):

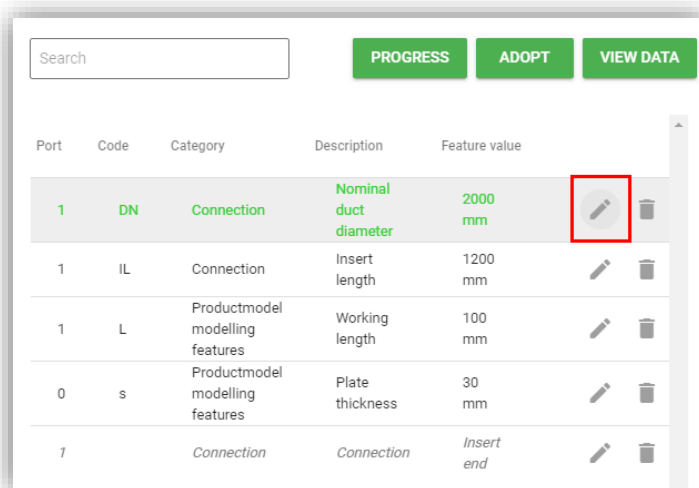












Important: Should you wish to leave the MC Viewer *without editing any data*, use the *Back* button of your browser.

13.4.2 Editing MC-data

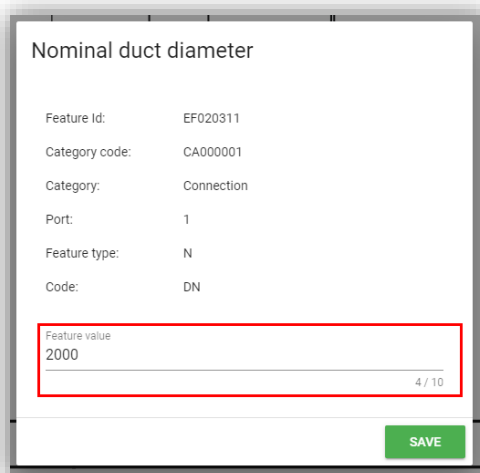
MC-data can be edited directly within the MC viewer and subsequently be adopted into COS:

1. Within the right column of the MC Viewer, select a class feature and click on the pencil icon:



Port	Code	Category	Description	Feature value		
1	DN	Connection	Nominal duct diameter	2000 mm		
1	IL	Connection	Insert length	1200 mm		
1	L	Productmodel modelling features	Working length	100 mm		
0	s	Productmodel modelling features	Plate thickness	30 mm		
1		Connection	Connection	Insert end		

- In the pop-up window, you will be presented with information on the feature and the value can be edited:



Nominal duct diameter

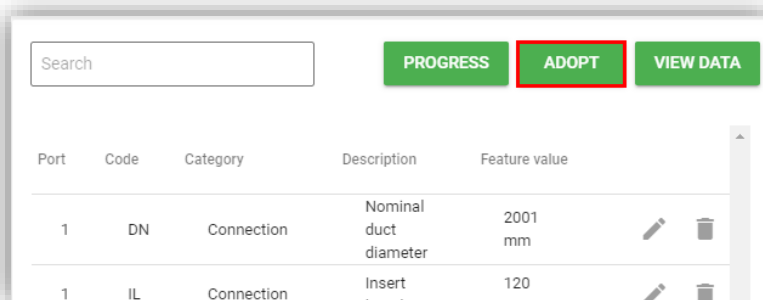
Feature Id: EF020311
 Category code: CA000001
 Category: Connection
 Port: 1
 Feature type: N
 Code: DN





Feature value
 2000

4 / 10

SAVE

- Once changed, the data can be sent to COS by clicking on the *Adopt* button:



Port	Code	Category	Description	Feature value		
1	DN	Connection	Nominal duct diameter	2001 mm		
1	IL	Connection	Insert	120		

- On adopting, the MC Viewer will be closed and you will return to the COS-application.

13.4.3 Clearing MC-data

MC-data for a feature can be cleared by using the *garbage can* icon:

- Within the right column of the MC Viewer, select a class feature and click on the garbage can icon:

Search					PROGRESS	ADOPT	VIEW DATA
Port	Code	Category	Description	Feature value			
1	DN	Connection	Nominal duct diameter	2000 mm			
1	IL	Connection	Insert length	1200 mm			
1	L	Productmodel modelling features	Working length	100 mm			
0	s	Productmodel modelling features	Plate thickness	30 mm			
1		Connection	Connection	Insert end			

- The value for this feature will be cleared:

Search					PROGRESS	ADOPT	VIEW DATA
Port	Code	Category	Description	Feature value			
1	DN	Connection	Nominal duct diameter				
1	IL	Connection	Insert	120			

13.4.4 Measuring progress

When entering values for class features, you can easily measure your progress by using the *Progress* button. Any features that have not been filled out yet will be highlighted in purple:

2ba MC-Viewer (EN)

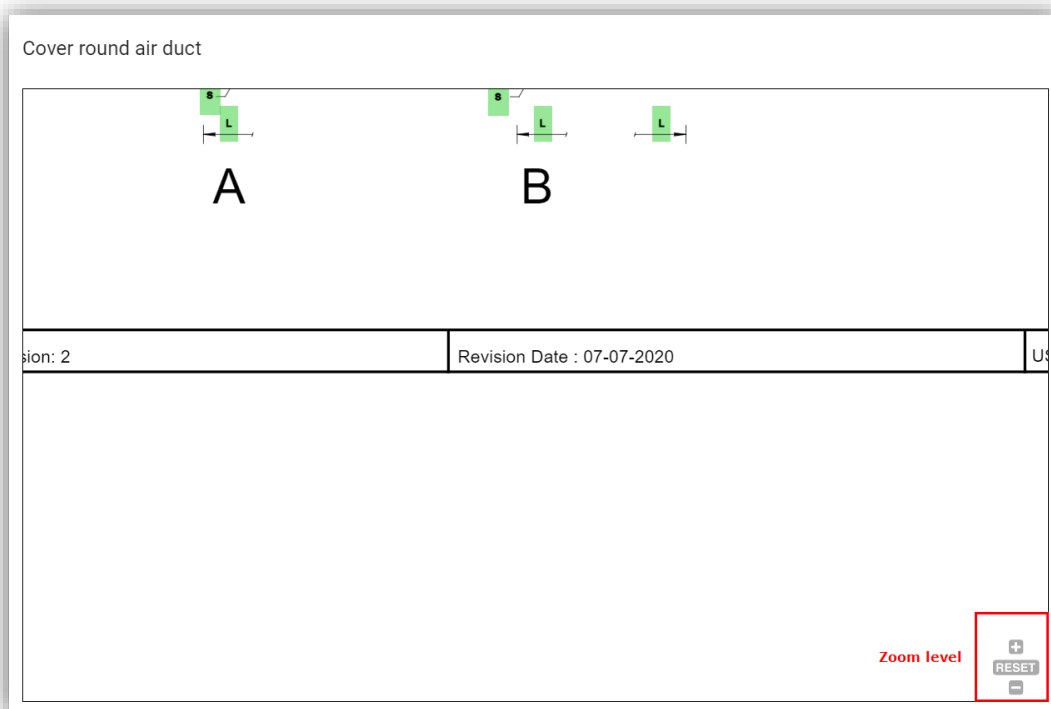
Cover round air duct

Port	Code	Category	Description	Feature value			
1	DN	Connection	Nominal duct diameter	200 mm			
1	IL	Connection	Insert length				
1	L	Productmodel modelling features	Working length	50 mm			
0	s	Productmodel modelling features	Plate thickness				
1		Connection	Connection	Duct end			

Errors: 3 Warnings: 0

13.4.5 Zooming in/out

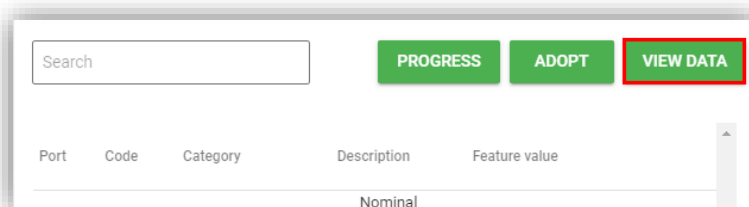
When you click on any of the features, the MC Viewer will automatically zoom in. Using the buttons in the lower righthand corner of the viewer you can reset the zoom level, or zoom in or out manually:



13.4.6 Viewing / downloading / uploading JSON data

Using the *View* button, you can view the data in a JSON format:

1. In the MC Viewer, click on the View button:



2. In the pop-up window, the MC-data will be shown in a JSON-format:

Data (json)

UPLOAD JSON FILE...

DOWNLOAD

CLOSE

```

{
  ClassId: "MC000090",
  Features: [
    {
      FeatureId: "EF006112",
      Portcode: 0,
      NumericValue: 30,
      LogicalValue: null,
      RangeLowerValue: null,
      RangeUpperValue: null,
      AlphaNumericValue: null
      FeatureTemplate: {
        ID: "EF006112",
        Type: "N",
        Description: "Plate thickness",
        UnitOfMeasureID: "EU570448",
        UnitOfMeasureDescription: "Millimetre",
        UnitOfMeasureEpistle: "mm",
        UsageCount: -1,
        UsageMinValue: -1,
        UsageMaxValue: -1,
        Portcode: 0,
        DimensionalDrawingCode: "s",
        UnitCodeVariableAxis: null,
        Values: null,
        Category: {
          Code: "CA000007",
          Description: "Productmodel modelling features",
          OrderNumber: 70
        },
        HashCode: -1632160438,
        irrelevant: false,
        hasdata: true,
      }
    }
  ]
}

```

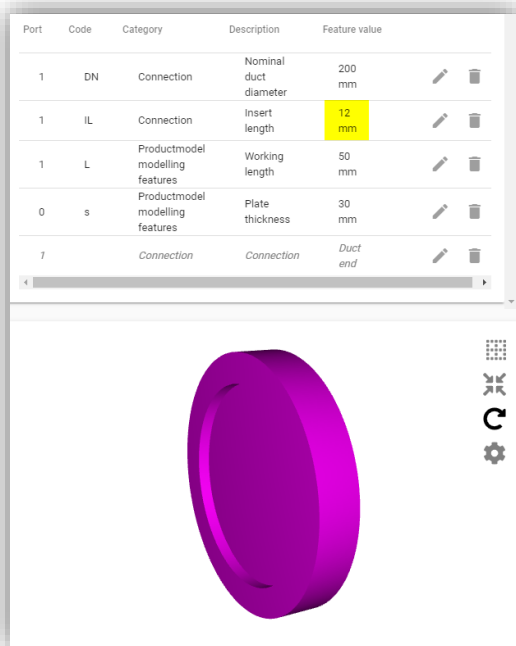
3. Use the *Download* button to download the JSON-data.
4. Use the *Upload JSON File* button to upload class feature values. Note: Your JSON upload file will need to conform to the JSON standard for MC Classes.

13.4.7 3D Viewer

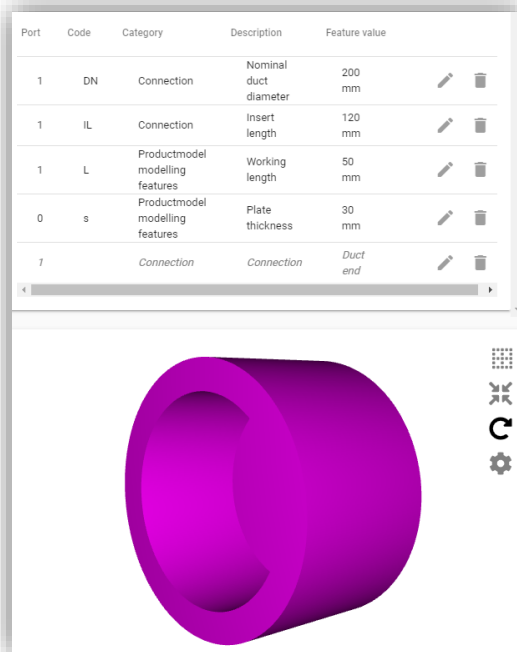
The 3D viewer presents a 3D representation of the Model Class. Class feature values determine the shape and dimensions of this representation and any changes in these **values will be reflected in the 3D model 'on the fly'**.

For instance:

Insert length 12 mm:



Insert length 120 mm



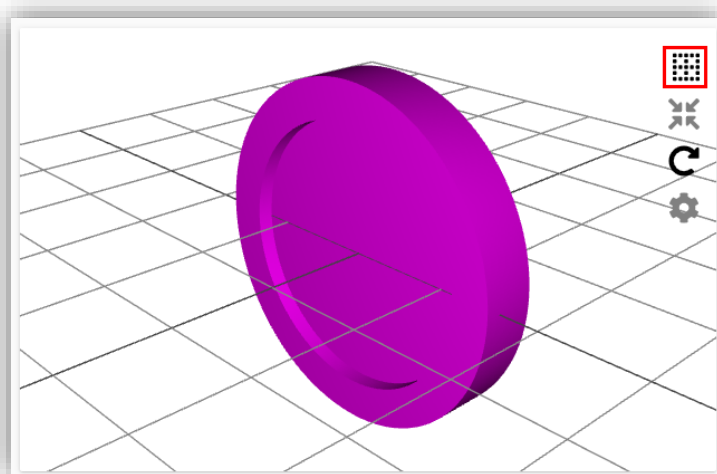
13.4.8 Viewer controls

Rotate

Click and hold the left mouse button and then drag your mouse to rotate the 3D model.

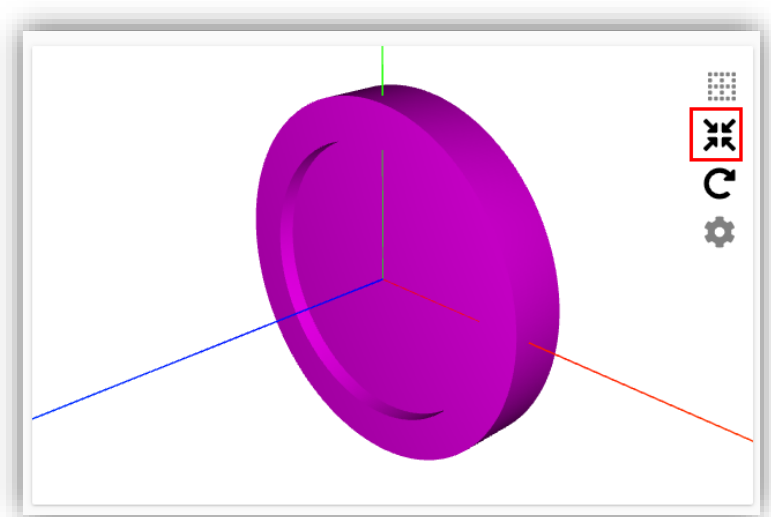
Grid

Use the *Grid*-button to display a grid. The grid will rotate with the model:



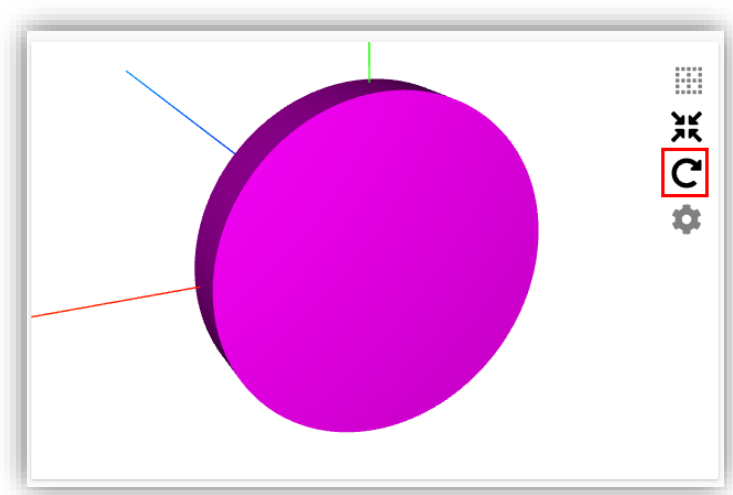
Axis

Use the *Axis*-button to display a X-, Y-, and Z-axis in the viewer:



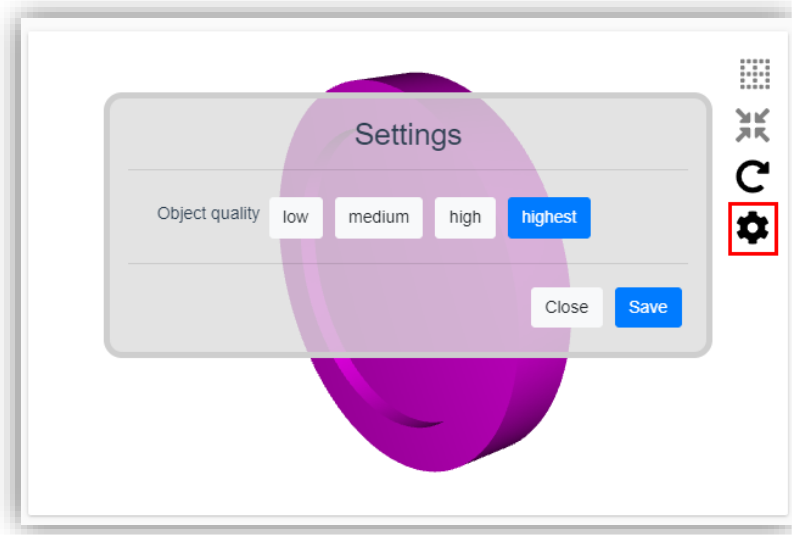
Reset orientation

Use the *Reset orientation*-button to reset the viewer to its original orientation:



Settings

Use the *Settings*-button to change the *Object quality* of the viewer:



14 Quality of data

Data pools (for instance 2BA or InstallData), wholesalers, fitters, mechanics, or a purchasing consortium all demand up-to-date and complete information. To this end, Compano software offers the option to check the quality of your data.

Important: Should you classify your products using the ETIM Dynamic system, please remember that this is a dynamic system which is updated weekly. Compano will notify you via e-mail in case of any changes in ETIM which affect your data. For more information, see paragraph: [14.3 ETIM MUTATION REPORT](#).

14.1 Data requirements 2BA and InstallData

Data requirements for data pools 2BA and InstallData can be found here:

2BA

<https://www.2ba.nl/documentatie/stappenplan/databehoeftte> > Data requirements (PDF)

InstallData

<https://www.installdata.be/en/documentation/steps-for-data-delivery/data-requirements>

These requirements indicate which data is deemed mandatory, highly desirable, desirable or nice-to-have.

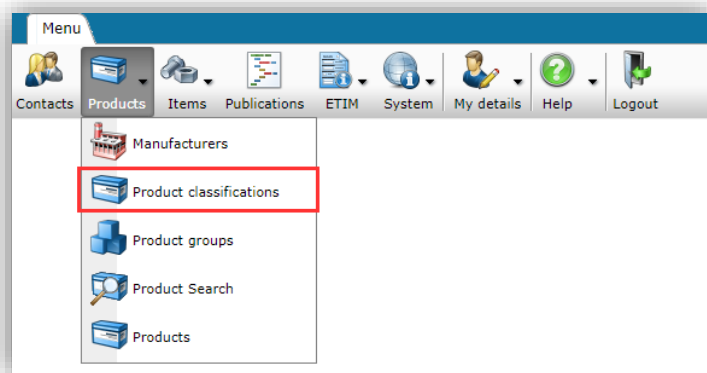
14.2 Quality check classification data

Compano PIM software offers several options to check your classification data:

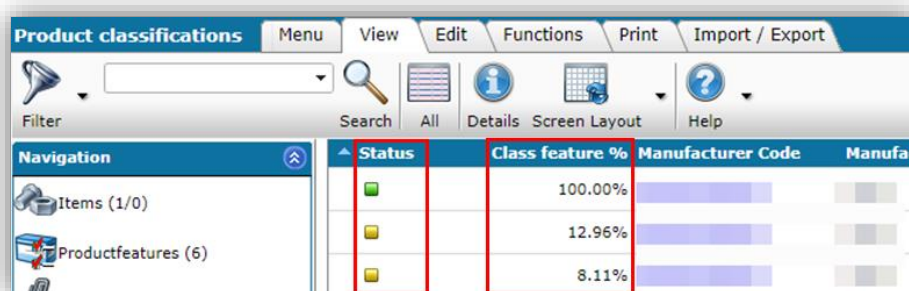
14.2.1 Classification status

The classification status of your products is indicated with a color code on the *Product Classifications* screen:

1. Through the Menu go to *Products > Product Classifications*.



2. On the View tab, check the classification status of your products:



Red: An ETIM product class has *not* been assigned to the product.

Orange: An ETIM product class has been assigned to the product, however no product class features have been filled out.

Yellow: Product class features have been filled out, however the classification is not complete yet. The *class feature percentage* will give an indication as to how much work still needs to be done.

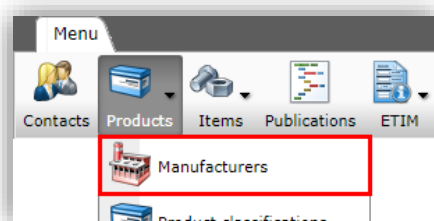
Green: A product with the status *Classified*. The classification feature percentage is either 100%, which means all features have been filled out, or the product has been *manually* set to this status; see paragraph: [9.2.1 Set classification status](#).

Blue: All mandatory product class features have been filled out. Note: By default, *no* ETIM features are mandatory. This status is only possible if you manually set mandatory features. Should you wish to make use of mandatory ETIM features, please contact sales@compano.com.

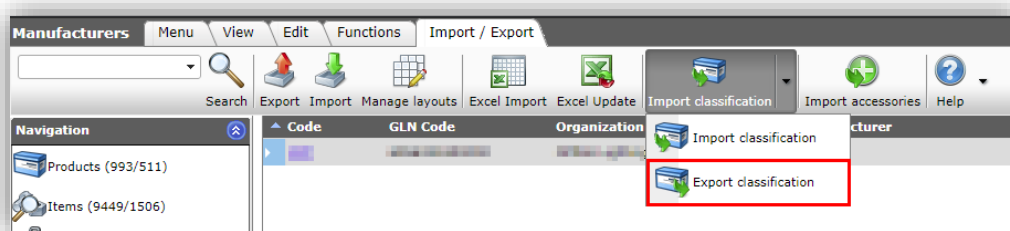
14.2.2 Export classification data

To gain insight into the quality of your classification data, Compano PIM offers the option to export a classification report, per manufacturer, per ETIM product class, or per manufacturer for *all* ETIM product classes in use:

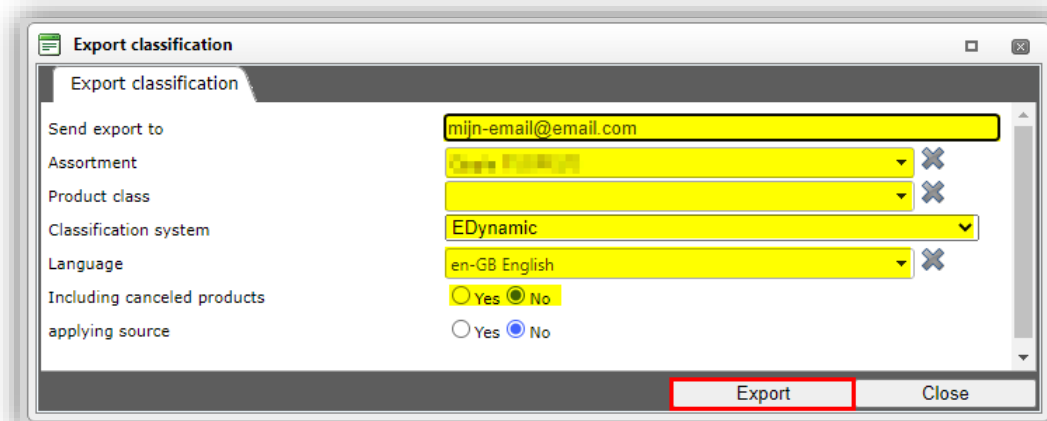
1. Through the Menu go to *Products > Manufacturers*:



2. Next, select a manufacturer and go to the *Import/Export* tab
3. Click on the *Export classification* button:



4. In the pop-up window, set the specifications for the classification export:



- a. Send export to: Enter an email address.
 - b. Assortment: Select the assortment on which you want to run the export
 - c. Product class (optional): Select one product class, or leave empty if you need a classification report of *all* classes in use.
 - d. Classification system: Select the classification system for which you need the report. Default options are: ETIM Dynamic (EDynamic), ETIM 6, ETIM 7 and OKO. **NB:** should you use the multi-classification module, other classification systems might be available.
 - e. Language (optional): Should you use the multi-language module, you will have the option to export the classification data in several languages. **NB:** Without this option, you will only be able to export in the default language of your application.
 - f. Including canceled products: Set this option to *Yes* if you need to report on the classification including *cancelled (archived)* products.
 - g. Applying source: Set this option to *Yes* if you need to export (extra) classification features which have been added to the standard system. You will be presented with three options:
 - i. User: Choose this option if you have added your own custom product class features.
 - ii. Publicist: Choose this option if you have added custom product class features, but need to *only* export classification data as defined by the original standard.
 - iii. Third party: Choose this option if extra product classes or features have been added to your classification system by a third party.
5. Click on *Export*. The classification export will now be generated. Depending on the number of classes that are in use within your data, this can take a while. The export report will be sent as a compressed file (ZIP) to the email address that you provided.

14.2.3 Classification report

The report resulting from the *Export classification* function will contain multiple Excel worksheets:

Product Classes worksheet



The worksheet named *Product Classes* will show a summary of your classification data, including *Number of product classes in use* and *Expired values*.

	A	B	C	D	E	F	G
1	Number of product classes: 17	Total products	Completely classified products	Filled values	To be filled values	Expired values	Total number of fields
2	EDynamic-EC000062 - Luminaire for streets and places	11	0	522	545	0	1067
3	EDynamic-EC000109 - Batten luminaire	1	0	48	48	2	98
4	EDynamic-EC000293 - Support profile light-line system	4	4	60	28	0	88
5	EDynamic-EC000412 - Lux meter	2	2	10	2	0	12
6	EDynamic-EC000533 - Lighting control system component	5	0	17	13	0	30
7	EDynamic-EC000986 - Electrical unit for light-line system	18	0	885	735	0	1620
8	EDynamic-EC001273 - Soldering bath	1	0	0	9	0	9
9	EDynamic-EC001716 - High bay luminaire	80	0	4245	3535	780	8560
10	EDynamic-EC001743 - Pendant luminaire	4	0	236	114	94	444
11	EDynamic-EC001744 - Downlight/spot/floodlight	242	0	11608	19018	3012	33638
12	EDynamic-EC001959 - LED-lamp/Multi-LED	57	0	1061	1724	293	3078
13	EDynamic-EC002556 - Electrical accessories for luminaires	11	11	24	31	0	55
14	EDynamic-EC002557 - Mechanical accessories/spare parts for luminaires	77	72	471	376	0	847
15	EDynamic-EC002892 - Ceiling-/wall luminaire	255	6	12665	15120	1285	29070
16	EDynamic-EC010013 - Bathroom vanity	5	0	17	153	0	170
17	EDynamic-EC011022 - Panel radiator	5	0	25	265	0	290
18	EDynamic-EC011285 - Heat recovery unit for residential construction	7	0	1	300	0	301
19							
20	Total	785	95	31895	42016	5466	79377
21	% of total		12,1%	40,2%	52,9%	6,9%	

Important: Check the column *Expired values* to see if for any classes your data contains expired values. You will need to address these classes and correct your data!

Tip: Check any classes with expired values on the ETIM website by comparing the current and previous versions of the class:

Home / Classes / Class / Compare

Class code: EC000109
Version Date: 06/29/2015 09:11:11 → 05/23/2018 10:11:46
Group code: EG000027
Sector E: True
Sector B: False
Sector T: False
Deleted: False

Class version: 7 → 8
Status: 5
Sector W: False
Sector M: True

EC000109 - Batten luminaire

Class version: 4 5 6 7 8
Compare to version: 4 5 6 7 8

Compare versions

Code	Description	Type	Unit	Unit (imp.)	Value code
1 EF002423	Lamp type	A			1 EV0068 2 EV0068 3 EV0068 4 EV0068

32 → 47	EF004275	Suitable for emergency lighting	L			6 EV000494	None
33	EF012487	Energy efficiency class of the built-in lamp	A			1 EV014986	A++, A+, A (LED)
						2 EV000154	Other
						3 EV007056	A++
						4 EV007055	A+
						5 EV000896	A
34	EF012488	Energy efficiency class of the provided exchangeable built-in lamp	A			1 EV007056	A++
						2 EV007055	A+
						3 EV000896	A
						4 EV000074	B
						5 EV000084	C
						6 EV000413	D
						7 EV000647	E
35	EF012489	Highest energy efficiency class of the exchangeable lamp	A			1 EV007056	A++

Subsequent worksheets

All subsequent worksheets each list the classification data of *one* product class:

	H	I	J	K	L	M	N	O	P	Q
1	ETIM Product Class Code	UBIM	Source	Model	Lamp power of fluorescent batten (W)	Variable distance of electrical units	With wiring	Number of cores wiring	Cross section wiring cores (mm²)	Integrated cable duct
2	EC000293	6710011	Publisher	Single module length	No	No	Yes	8	2,5	
3	EC000293	6710011	Publisher	Single module length	No	No	Yes	8	2,5	
4	EC000293	6710011	Publisher	Double module length	No	No	Yes	8	2,5	
5	EC000293	6710011	Publisher	Double module length	No	No	Yes	8	2,5	



Optionally check the worksheet for any missing data.

14.3 ETIM Mutation report

As mentioned earlier, the ETIM classification system is a *dynamic* system, which means it will be updated weekly. Updates include new product classes as well as changes in Class Features and Values.

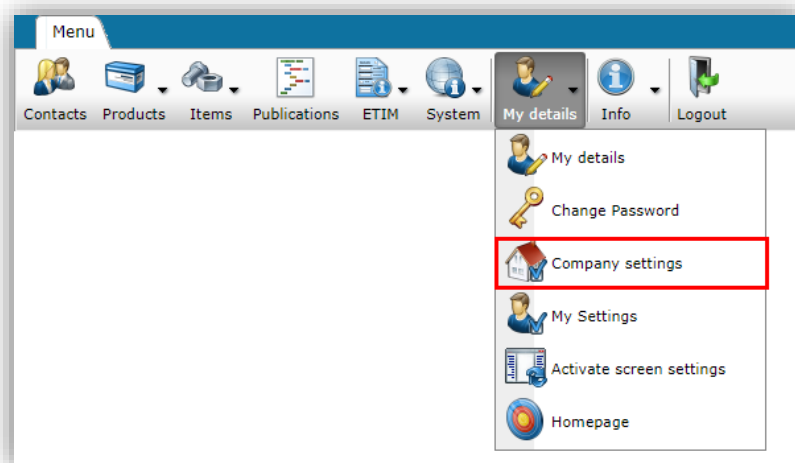
To keep up-to-date with changes in the ETIM Dynamic standard, Compano *strongly recommends* to *weekly* generate an ETIM Mutation Report.

Note: This reports needs to be generated manually. For instructions, see paragraph [14.3.2 MANUALLY GENERATING A MUTATION REPORT.](#)

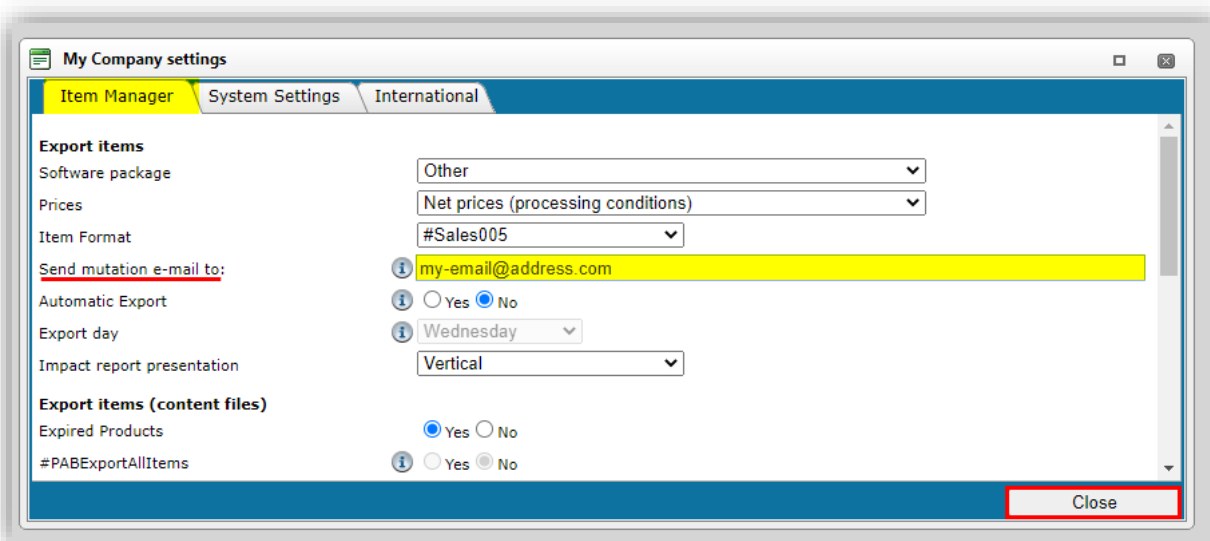
14.3.1 Set e-mail address

For PIM Basic and other shared PIM-applications, you will need to set the e-mail address for the ETIM mutation report:

1. Through the Menu, go to *My Details > Company settings*.



2. On the Item Manager tab:



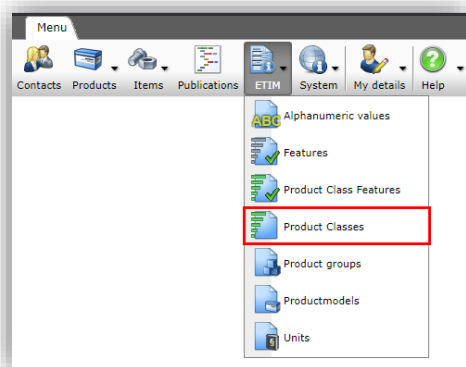
- a. Send mutation e-mail to: Enter your e-mail address; the ETIM mutation report will be send to this address. **Note:** Should you use Outlook's focused mail settings, the e-mail will likely be in the *Other* inbox.
3. Click on the *Close* button.

14.3.2 Manually generating a mutation report

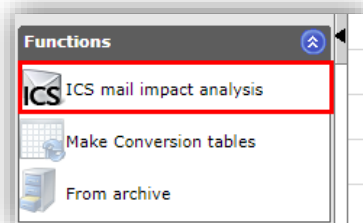
An ETIM mutation report needs to be *manually* generated:

To manually generate a mutation report:

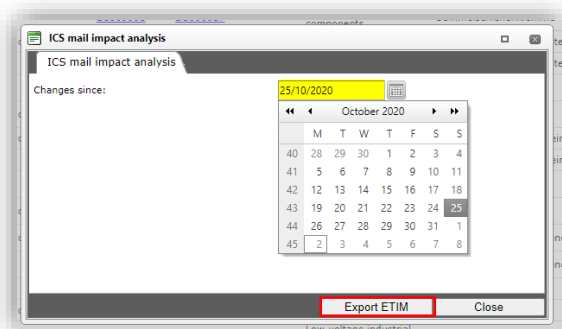
1. Through the Menu go to *ETIM > Product Classes*.



2. Under *Functions*, click on *ICS mail impact analysis*.



3. In the pop-up screen, select a past date for *Changes since*. **Note:** Always select a Sunday, as ETIM changes are being made on a Sunday.



4. De mutation report will be sent to the *main user's* email address, however other users can download the report from the log files.

14.3.3 Reading a mutation report

A mutation report is sent as an Excel file, containing multiple worksheets⁶:

⁶ The ETIM Mutation report is only available in Dutch.

1. Summary (Samenvatting): Overview of all mutations, including all new product classes:

Omgeving	Compano BV
Periode	07-07-2024 t/m 09-07-2024
Nieuwe productklassen	2
Gewijzigde productklassen	7
Gewijzigde productkenmerken	13
Gewijzigde productkenmerkwaarden	17

<	>	Samenvatting	Nieuw	Mutaties	+
---	---	--------------	-------	----------	---

1. Summary worksheet

2. New (Nieuw): An overview of all new product classes. Check this overview to see if any new classes are relevant to your products:

ETIM Product Classes	Name	Status
EC004902	Accessories/spare parts for furniture handle	Ready for publication
EC004917	Accessories/spare parts for exoskeleton	Ready for publication

<	>	Samenvatting	Nieuw	Mutaties	+
---	---	--------------	-------	----------	---

2. New Product Classes worksheet

3. Mutations (Mutaties): An overview of all mutations pertaining to product classes that are in use in your application. This means only changes in product classes that have been assigned to your products will be listed. Note: Changes must be read hierarchically, from top to bottom:

ETIM Product Classes			ETIM Product Class Features				ETIM Attribute Values			
Code	Name	Status	Archive moment	ETIM Productmodel	Code	Name	Archive moment	Code	Name	
EC000033	Mounting strap	Ready for publication			EF001257	Material quality		EV022412	Stainless steel 306 L (1.4404)	
EC000033	Mounting strap	Ready for publication			EF001257	Material quality		EV022413	Stainless steel 306 Ti (1.4571)	
EC000033	Mounting strap	Ready for publication			EF001257	Material quality		EV020090	Stainless steel 316 L (1.4404)	
EC000033	Mounting strap	Ready for publication			EF001257	Material quality		EV020192	Stainless steel 316 Ti (1.4571)	
EC000033	Mounting strap	Ready for publication			EF000007	Colour				
EC000033	Mounting strap	Ready for publication			EF000007	Colour		EV000309	Anthraxite	
EC000033	Mounting strap	Ready for publication			EF000007	Colour		EV000080	Blue	
EC000033	Mounting strap	Ready for publication			EF000007	Colour		EV000083	Brown	
EC000033	Mounting strap	Ready for publication			EF000007	Colour		EV000119	Gold	
EC000033	Mounting strap	Ready for publication			EF000007	Colour		EV000235	Green	
EC000033	Mounting strap	Ready for publication			EF000007	Colour		EV000270	Grey	
EC000033	Mounting strap	Ready for publication			EF000007	Colour		EV003609	Purple	
EC000055	Knife blade fuse	Ready for publication			EF002572	Utilization category according to IEC 60269				
EC000055	Knife blade fuse	Ready for publication			EF002572	Utilization category according to IEC 60269		EV024742	g5	
EC000253	Cable protection tube for underground application	Ready for publication			EF001257	Material quality				
EC000253	Cable protection tube for underground application	Ready for publication			EF001257	Material quality		EV023710	High-density polyethylene (HDPE)	
EC000253	Cable protection tube for underground application	Ready for publication			EF001257	Material quality		EV024768	Medium-density polyethylene (MDPE)	
EC000253	Cable protection tube for underground application	Ready for publication			EF001257	Material quality		EV023846	Low-density polyethylene (LDPE)	
EC000416	Terrestrial antenna	Ready for publication								

3. ETIM mutations for Product Classes in use

Example (see figure 3 above)

- Row 3: There are changes in class **EC000033 Mounting strap**
- Row 4 and 9: Within class **EC000033**, the class features **EF001275 Material quality** and **EF010953 Colour** have been changed.
- Rows 5-8: Class feature **EF001275**, four class values have been changed:

EV022412

Stainless steel 306 L (1.4404)

EV022413	Stainless steel 306 Ti (1.4571)
EV020090	Stainless steel 316 L (1.4404)
EV020192	Stainless steel 316 Ti (1.4571)

- Rows 9-16: Class feature **EF010953**, seven class values have been changed:

EV000309	Anthracite
EV000080	Blue
EV000083	Brown
EV000119	Gold
EV000235	Green
EV000270	Grey
EV003609	Purple

Important: To better understand which changes have been, use the ETIM website compare the current and previous versions of the class:



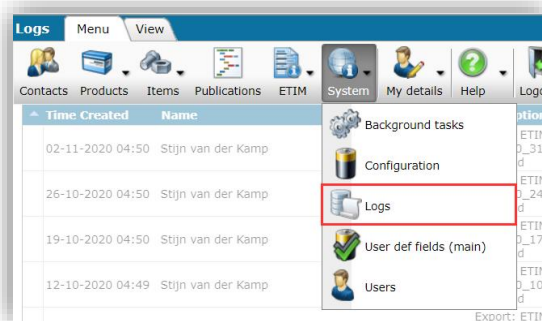
Home / Classes / Class / Compare						
Class code	EC000033			Class version	6 → 7	
Status	5 → 3					
Group code	EG000049					
Sector E	True			Sector W	True	
Sector B	True			Sector M	True	
Sector T	True					
Deleted	False					

Features and values						
Code	Description	Type	Unit	Unit (imp.)	Value code - Description	
1 EF015088	Type of strap	A			1 EV000164	Straight
					2 EV008242	Waved
					3 EV000154	Other
2 EF002169	Material	A			1 → 4	EV000179 Steel
					2 → 3	EV000166 Stainless steel
					3 → 1	EV000138 Copper
					4 → 2	EV000139 Plastic
					5	EV000154 Other
3 EF001257	Material quality	A			1 → 4	EV008431 Stainless steel 316 (1.4401)
					2 → 1	EV008430 Stainless steel 304 (1.4301)
					3 → 7	EV000154 Other
					2	EV022412 Stainless steel 306 L (1.4404)
					3	EV022413 Stainless steel 306 Ti (1.4571)
					5	EV020090 Stainless steel 316 L (1.4404)
					6	EV020192 Stainless steel 316 Ti (1.4571)
4 EF000139	Surface protection	A			1 EV000283	Continuously galvanised
					2 EV003454	Galvanic/electrolytic zinc plated

14.3.4 Downloading a mutation report

All users can download mutation reports from the log files :

- Through the Menu go to *System > Logs*.



- Optional: In the Search Box use the term 'mutatie' to find all ETIM mutation reports:

Logs						
Filter	mutatie			Search	Details	Oppl
	Be aware, there is a filter active!					
Time Created	Name	Code	Description	Type	Number of	Details
02-11-2020 04:50	Stijn van der Kamp	Excel	Export: ETIM_mutatie_25-10-2020_31-10-2020 afgerond	Assortment export	14	ETIM_mutatie_25-10-2020_31-10-2020_04:50
26-10-2020 04:50	Stijn van der Kamp	Excel	Export: ETIM_mutatie_18-10-2020_24-10-2020 afgerond		9	ETIM_mutatie_18-10-2020_24-10-2020_04:50
			Export: ETIM_mutatie_11-			ETIM_mutatie_11-10-

- Click on the link to download the mutation report (Excel).

15 Appendix A: How to find the correct ETIM product class

There are several methods for finding the correct product class:

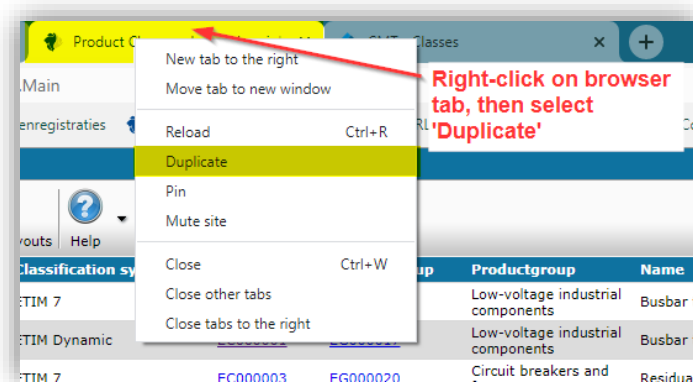
- Search for ETIM Product Classes, using the Compano software
- Lookup the ETIM Product Class and features, using the [ETIM International website](#)
- Check for alternate classes in the ETIM Product Group
- Check the ETIM Product Class of a similar product of a competitor, using the [2BA website](#)

*Tip: When you find the correct ETIM class, copy the EC-code of the class to your computer's clipboard, using **CTRL -C**.*

15.1 Search product classes [Compano]

To search for ETIM product classes using the Compano software, first open up a new browser tab. The easiest way to do this, is to *duplicate* your current browser tab:

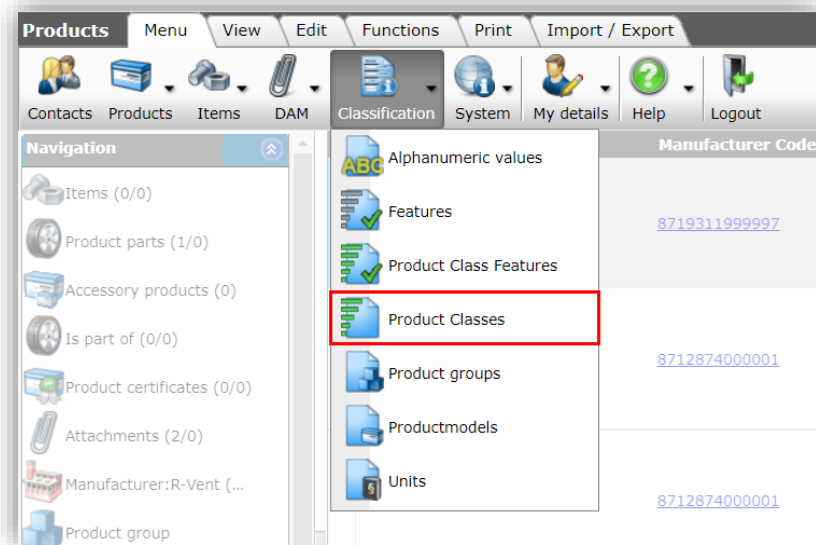
1. Open your browser's context menu by alt-clicking (usually your right mouse button) on the active browser tab:



2. Next, select the option *Duplicate* from the context menu. This will open a new browser tab, while keeping you logged in to the Compano application.

In the new browser tab, use the *Classification* button to look for (ETIM) product classes:

1. Through the menu, go to *Classification > Product Classes*:



2. In the next screen, you will be presented with a list of all ETIM Product Classes:

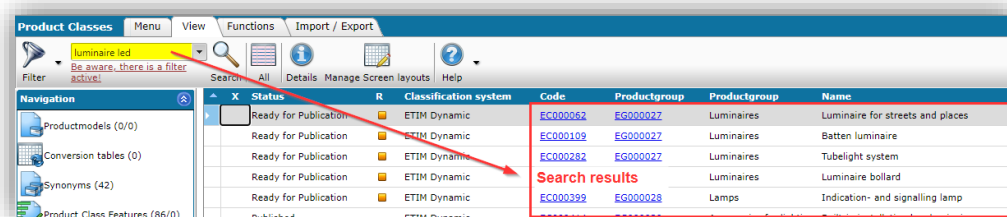
The screenshot shows the 'Product Classes' overview screen. It features a table with columns: 'X', 'Status', 'R', 'Classification system', 'Code', 'Productgroup', 'Productgroup', and 'Name'. The table lists various product classes, including 'Busbar terminal', 'Residual current circuit breaker (RCCB)', 'Cable end sleeve', and 'Cover plate for installation units'. The 'Classification system' column shows 'ETIM 7' and 'ETIM Dynamic'.

X	Status	R	Classification system	Code	Productgroup	Productgroup	Name
	Published		ETIM 7	EC000001	EG000017	Low-voltage industrial components	Busbar terminal
	Published		ETIM Dynamic	EC000001	EG000017	Low-voltage industrial components	Busbar terminal
	Published		ETIM 7	EC000003	EG000020	Circuit breakers and fuses	Residual current circuit breaker (RCCB)
	Ready for Publication		ETIM Dynamic	EC000003	EG000020	Circuit breakers and fuses	Residual current circuit breaker (RCCB)
	Published		ETIM 7	EC000005	EG000047	Installation, isolation and connection material	Cable end sleeve
	Ready for Publication		ETIM Dynamic	EC000005	EG000047	Installation, isolation and connection material	Cable end sleeve
	Ready for Publication		ETIM Dynamic	EC000006	EG000005	Sub-floor systems	Cover plate for installation units
	Published		ETIM 7	EC000006	EG000005	Sub-floor systems	Cover plate for installation units
	Published		ETIM 7	EC000007	EG000013	Domestic switching	Cover frame for domestic switching devices

Note: Depending on the type of application, the overview will show *ETIM Dynamic* and/or *ETIM 8* and/or *ETIM 7* classes. Use the Filter button, to filter out the classification system that you will be using:

The screenshot shows the 'Filter' dialog box for 'ETIM Product Class'. It has two tabs: 'ETIM Product Class' and 'Translations'. The 'ETIM Product Class' tab is active. It contains a 'Classification system' section with checkboxes for 'ETIM Dynamic' (checked), 'ETIM 6', 'ETIM 7', 'EClass', and 'EMCS'. There are also checkboxes for 'EZ-base', 'GPC', 'Q Model', 'Not specified', and '#OKO'. Below this, there are dropdown menus for 'Group', 'Code', 'Name', 'Sector', and 'UBIM', each with a search icon and a dropdown arrow. The 'Sector' dropdown is set to 'equal'. At the bottom, there are buttons for 'Apply', 'Clear', 'Empty and close', and 'Save as'.

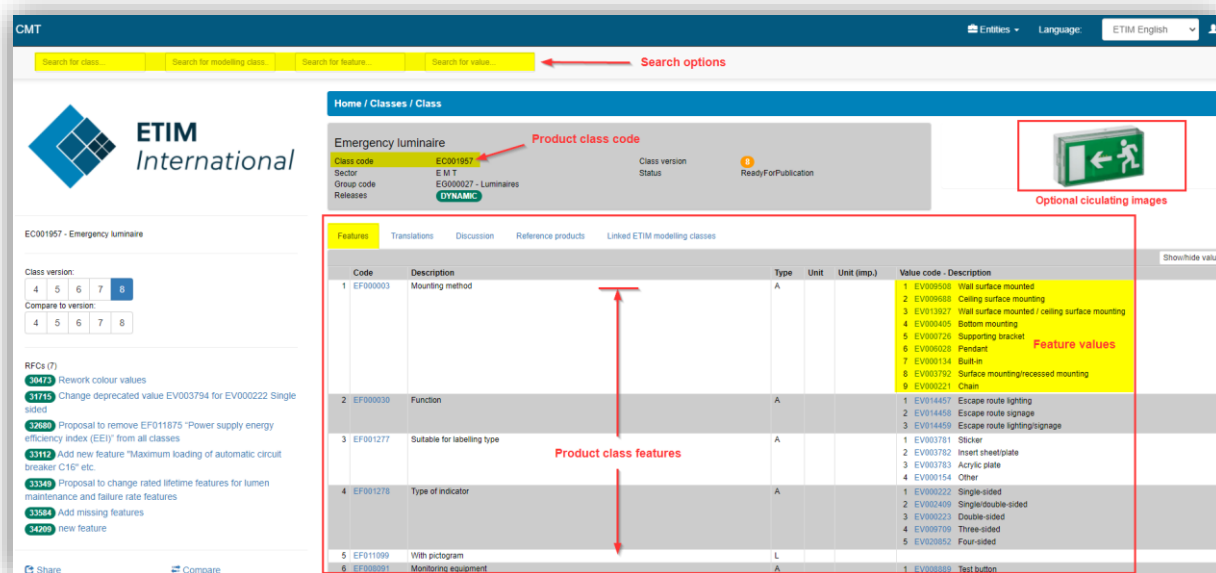
- Next, type search terms into the Search Box to start looking for the correct class for your product. Use keywords from the description of the product, or general terms⁷ that describe your product, such as *Boiler*, *Bolt*, *Air-conditioning*, etc. Note that you might have to try several options before you will find the right class:



- You can always check a class by clicking on its EC-code as this will redirect you to the *ETIM International* website, where you can look up the corresponding class features (see next paragraph).

15.2 Lookup product class and features (ETIM International)

Any ETIM product class and its features can be looked up, using the *ETIM International* website. Click on any EC-code in the Compano software, or go to the [ETIM International website](https://www.etim-international.com/):

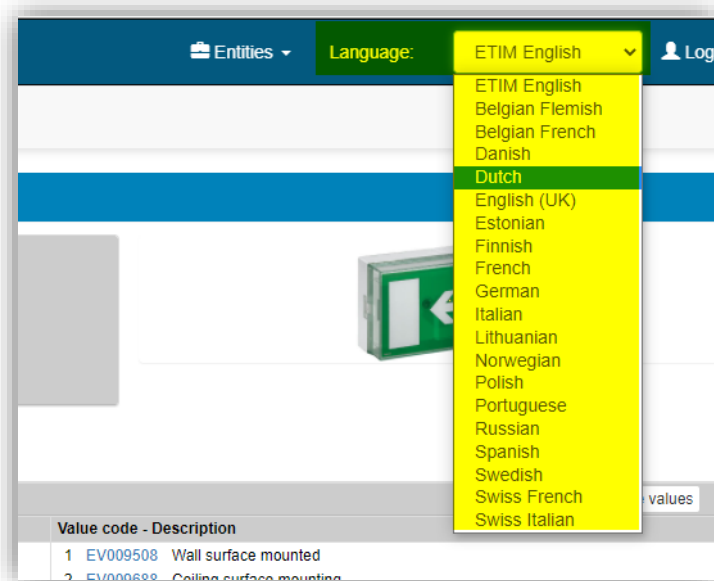


To find the correct class, compare *Product Class Features* and *Feature Values* against the technical specifications of your product. Also check any optional circulating images (top right) against the appearance of your product.

Tip: When you find the correct ETIM class, copy the EC-code of the class to your computer's clipboard, using CTRL -C.

Note: Names of product classes, features and values can be translated using the *language selector* in the top-right corner of the ETIM website:

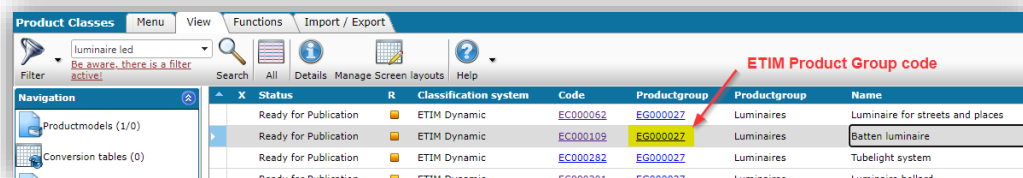
⁷ For some classes, commonly used alternative or synonymous keywords will also find classes.



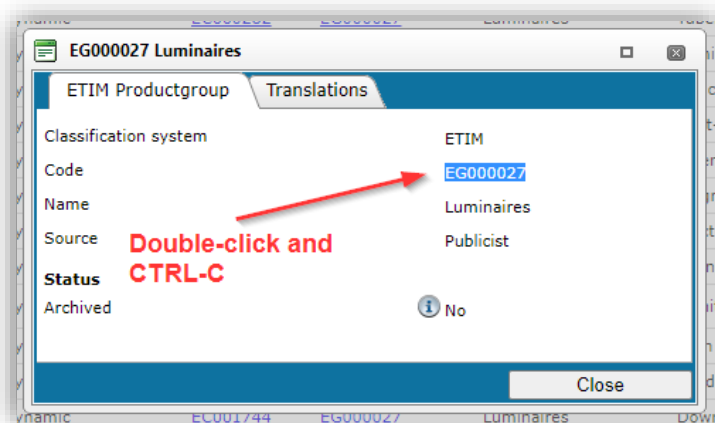
15.3 Check for alternate product classes

ETIM Product Classes are grouped together with similar classes. If you have trouble finding the correct class, try finding any alternatives by checking available classes in the same *Product Group*.

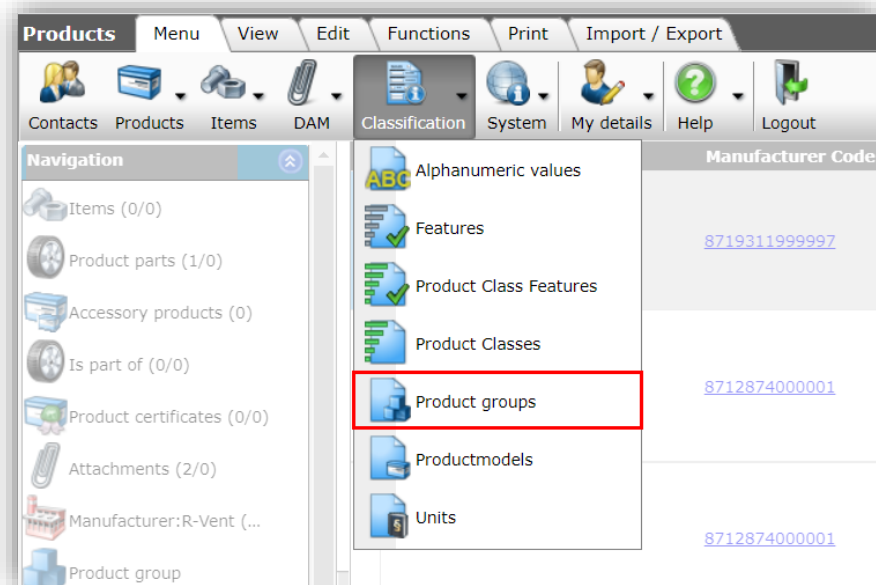
1. From the Product Classes screen, click on the *Product Group code* of the class you found but which not correct:



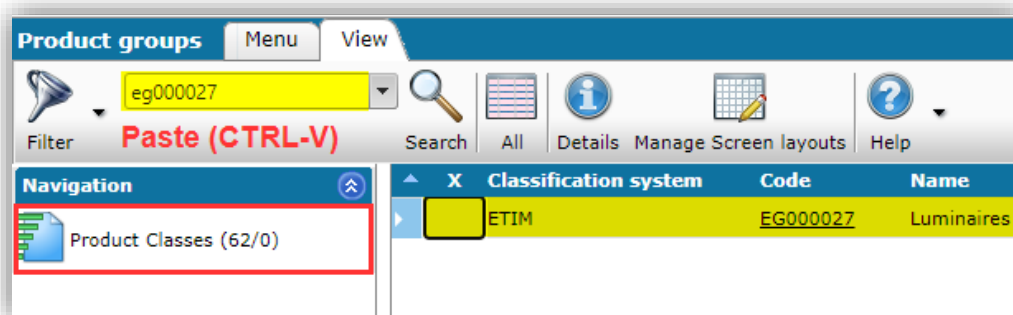
2. In the pop-up window, double-click the *EG-code* and copy (CTRL -C):



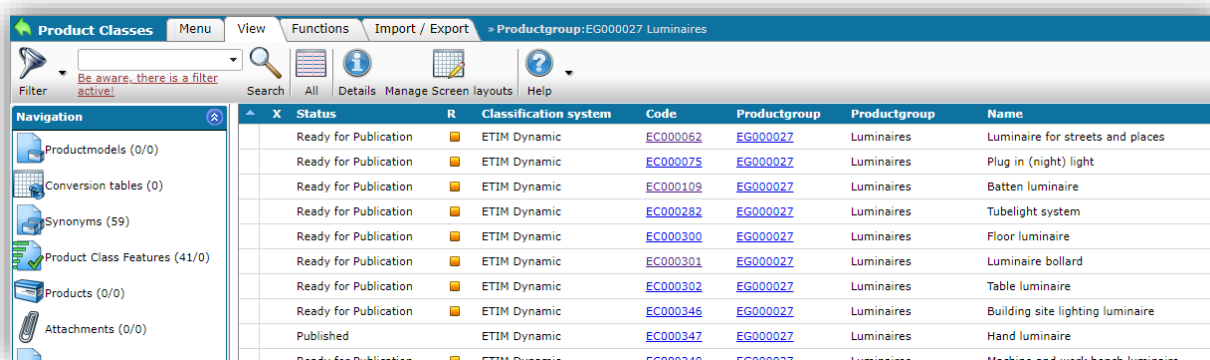
3. Through the Menu, go to *ETIM > Product Groups*.



4. Paste (CTRL-V) the *EG-code* into the Search Box to find the *Product Group*.



5. From the results, select the product group and under *Navigation* click on *Product Classes*. This will show a list of *all alternative classes* in the product group:



6. Check each likely Product Class to see if it better fits your product.

Tip: When you find the correct ETIM class, copy the EC-code of the class to your computer's clipboard, using CTRL-C.



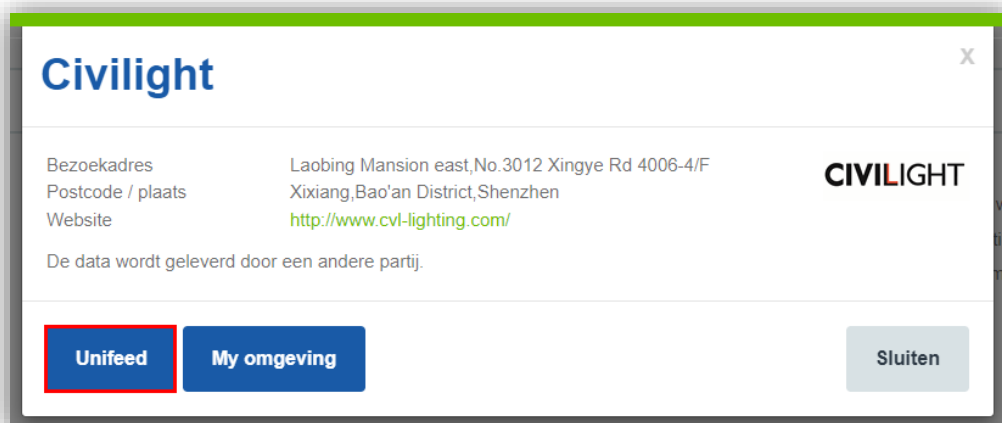
15.4 Check competitive product [2BA]

An alternative option for finding the correct Product Class, is to check a *similar product of a competitor*. The product class of the competitive product can be found using the 2BA website:

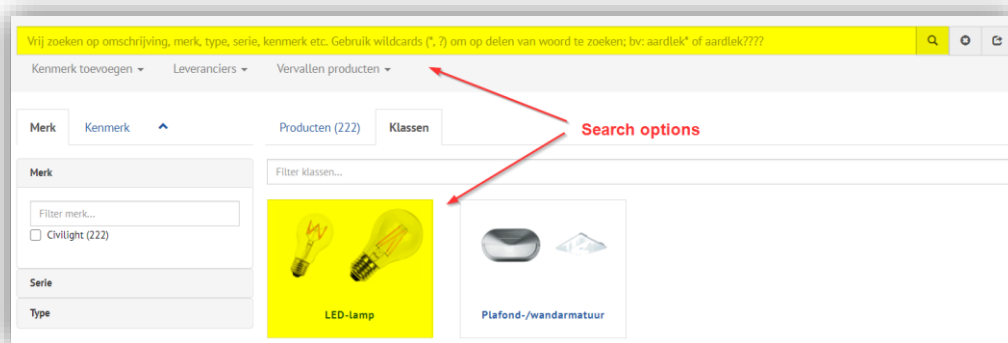
1. Go to www.2ba.nl and select the page *Deelnemers > Fabrikanten* and search for a competitor, for instance:



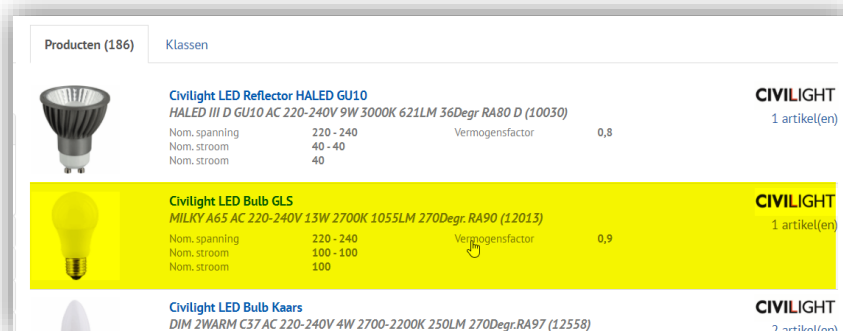
2. Click on the logo of your competitor and, in the pop-up window, click on *Unifeed*:



3. Search for the competitive product:



4. Select the competitive product by clicking on it:



5. In the left-hand column, click on the product class description of the product:



6. This will take you to the corresponding Product Class on the ETIM website, where you can check if this is the correct class for your product.

Tip: When you find the correct ETIM class, copy the EC-code of the class to your computer's clipboard, using CTRL -C.