

TOPECA[®]

BIM LIBRARY MANUAL

NOVEMBER 2021
Version 00

Strat**BIM**[®]

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DOCUMENT VERSIONS

v00	19/11/2021	First published version.
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BIM LIBRARY MANUAL

01. Introduction

This BIM Library Manual aims to support the installation and use of BIM Objects related to products developed and marketed by **TOPECA**, seeking to help AEC Industry - Architecture, Engineering and Construction technicians in their decision process.

02. Library Description

The presented library was developed for AUTODESK® and refers to product marketed by TOPECA.

Included in this library are all the typologies of the mentioned product, namely in the colors. The products already developed:

- **TOPCOLA FLEX ULTRA**
- **TOPCOLA THERM T3**
- **TOPELASTIC**

03. Compatible Versions

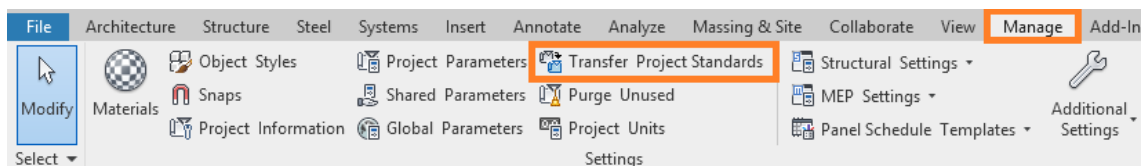
The library is compatible with the AUTODESK REVIT®2018 version or newer.

04. Objects Characteristics

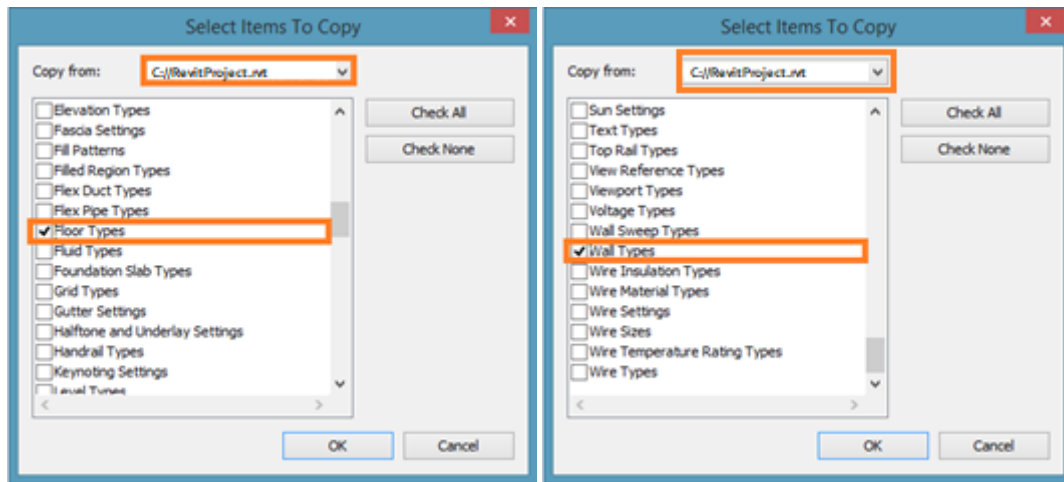
The objects are created in the respective categories, so that they can be used according to their actual application. This way, all objects relating to floor and wall coverings are created in the category *Floor* and *Wall* objects - *system families*.

05. Insertion of Families

In the case of objects belonging to *System families*, namely those relating to wall and floor coverings, they must be loaded from one project file (RVT) to another. Thus, to transfer the elements of the Wall or Floor category, you must open the TOPECA file with the desired product typology, as well as the project file that you want to transfer the TOPECA objects, and go to **MANAGE / TRANSFER PROJECT STANDARDS:**



You must then select the object type that you want to transfer. In the case of floors, the **Floor Types** option must be chosen, in the case of wall coverings, the **Wall Types** option:



06. Properties of objects

The objects have been developed in-depth and extensively. Thus, all objects have information concerning the manufacturer with respect to applicable international standards, namely:

- CE Marking;
- UNE EN 12004;
- NP EN 14891.

All objects also have the manufacturer's reference, so that it can be easily referenced, as well as other relevant information:

Type Properties

Family: System Family: Basic Wall Load...

Type: TOPECA-TOPELASTIC-BRANCO Duplicate... Rename...

Type Parameters

Parameter	Value
Identity Data	
Type Image	
Keynote	
Model	TOPELASTIC-BRANCO
Manufacturer	TOPECA
Type Comments	Membrana cimentícia bi-componente, impermeável e elástica, para se
URL	https://pt.topeca.pt/index.php?route=product/download/file&pid
Description	
Assembly Description	
Assembly Code	82010
Type Mark	
Fire Rating	
Cost	
CE marking	YES
NP EN 14891	CMOIP
UNE EN 12004	
Reference	A - 113504 ; B - 113502
Consumo Kg/m²	3.000000
Peso Por Embalagem (Kg)	40.000000
IFC Parameters	

<< Preview OK Cancel Apply

The objects are also classified according to the international classification systems most commonly used in the AEC industry.

Type Properties

Family: System Family: Floor Load...

Type: TOPCOLA FLEX ULTRA-CINZA Duplicate...

Rename...

Type Parameters

Parameter	Value
Construction	
Graphics	
Materials and Finishes	
Analytical Properties	
Identity Data	
IFC Parameters	
Masterformat 2014 Code	09 97 26
Masterformat 2014 Description	Cementitious Coatings
NBS Reference Code	55-02-12
NBS Reference Description	Cementitious Adhesives
Uniclass 1.4 Code	L673
Uniclass 1.4 Description	Adhesives
Uniclass 2.0 Code	PR-55-02-12
Uniclass 2.0 Description	Cementitious Adhesives
Uniclass 2015 Code	Pr_20_31_02_12
Uniclass 2015 Name	Cementitious Adhesives
Unifomat II Code	B1010
Unifomat II Description	Floor Construction
UNSPSC Code	301617
General	

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07. Product Quantification

All files, once they are project files, already have schedules that allows user to quantify TOPECA product by object quantities or by material takeoff.

08. Final Considerations

Future revisions to the current version of the library will be made available on the TOPECA website. Any question regarding them should be reported by email to bimsupport@TOPECA.pt

TOPECA

A dream come true and one of which we are all proud. We do not forget all of those who have been involved in the company and who are part of the success we have achieved over the years.

Set up a united team rowing in the same direction, almost always against the tide and with a tremendous effort to be a company which we want to be part of and where we are not afraid to say that we grew up in difficult times.

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