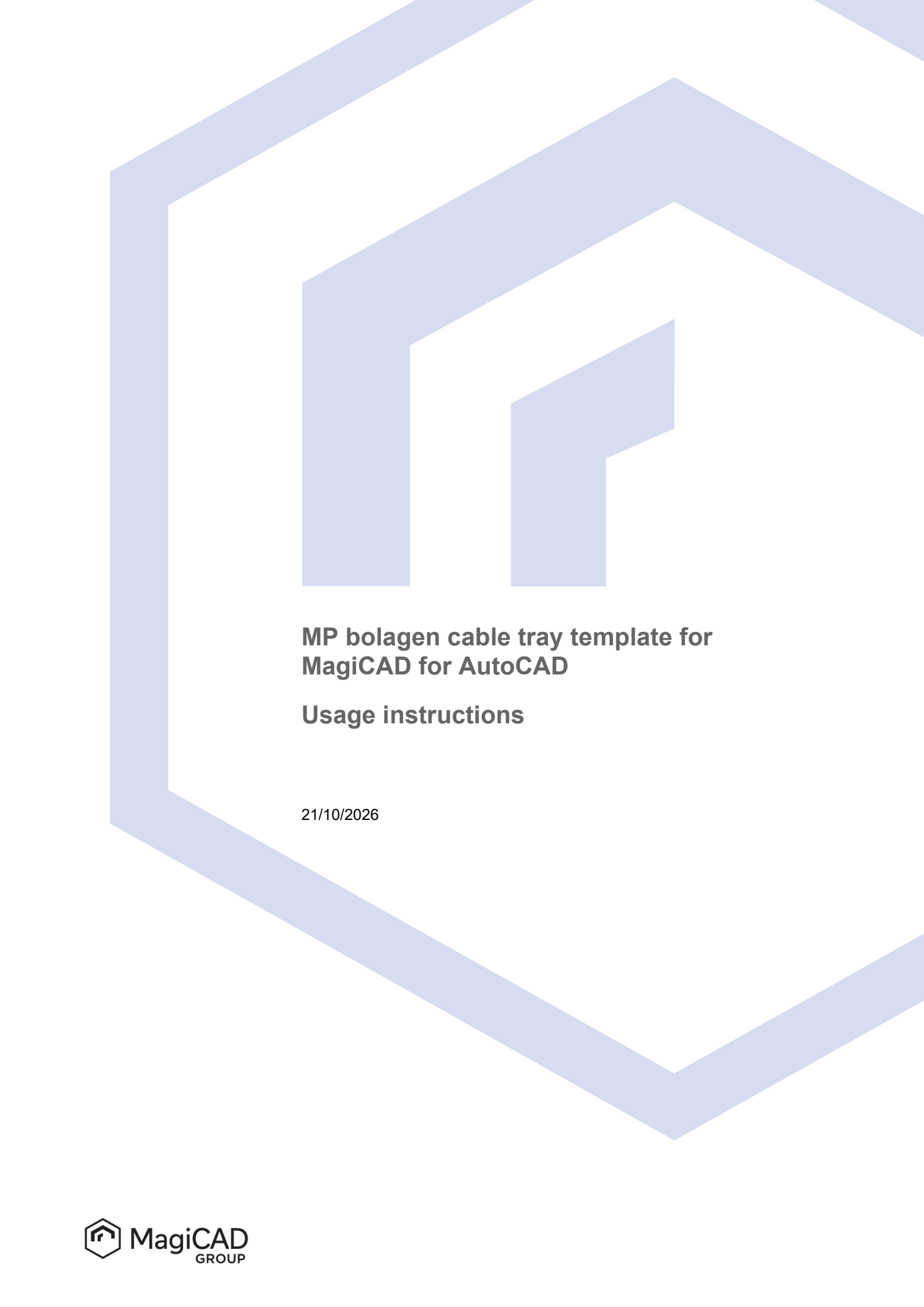




MP bolagen cable tray template for MagiCAD for AutoCAD

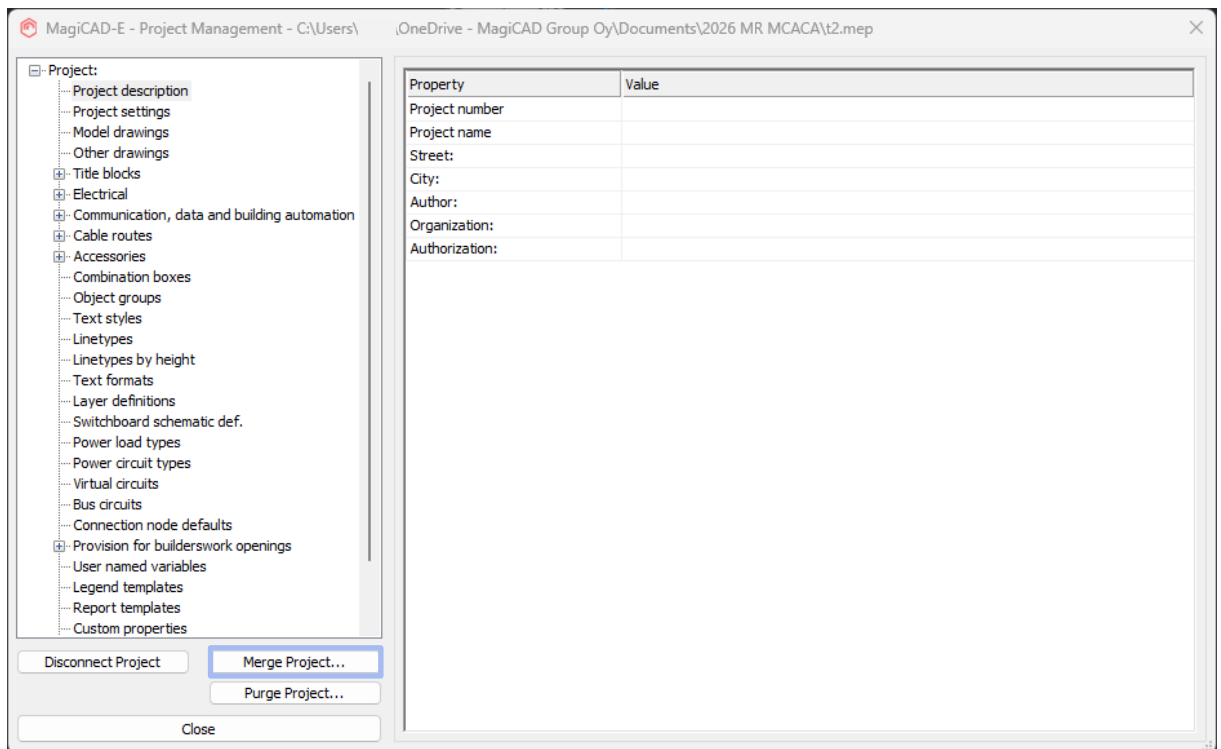
Usage instructions

21/10/2026

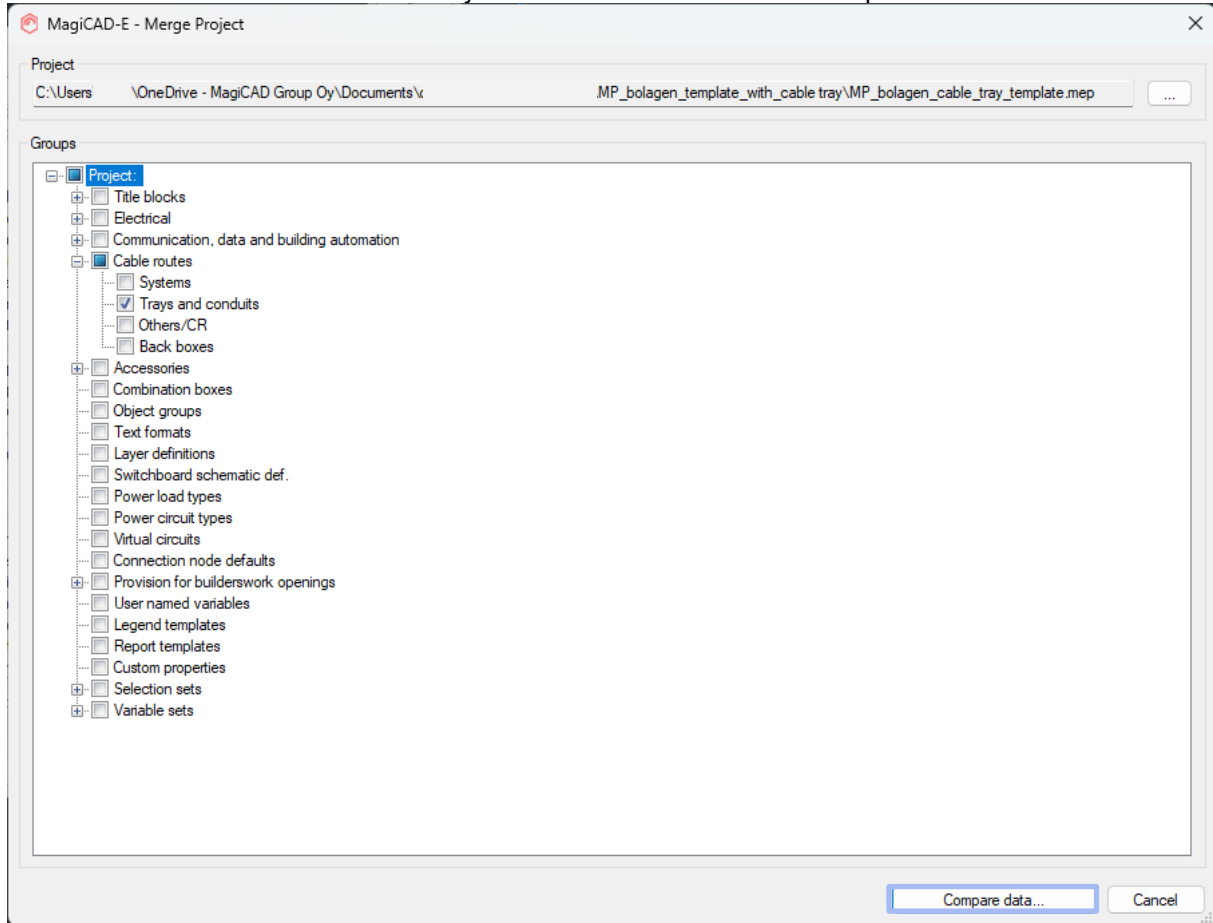
MP bolagen template

Taking the template into use

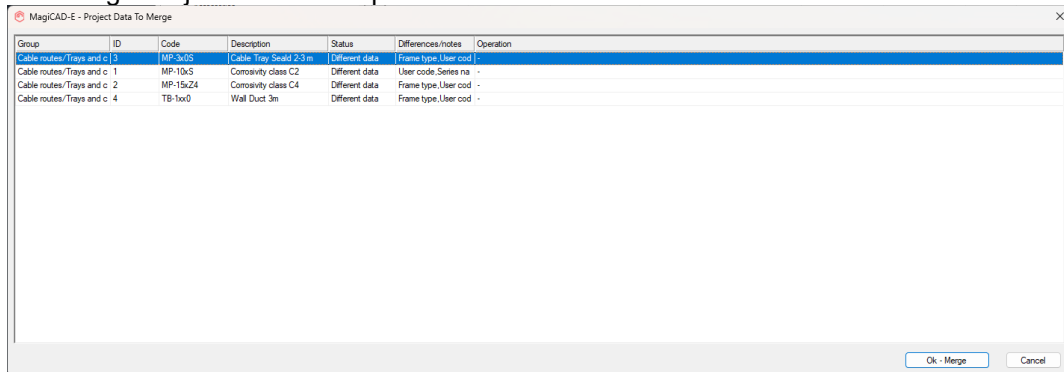
1. Download the .zip file to your computer. Unzip the file to a suitable location.
2. Start MagiCAD, open the project management window, and click “Merge project” button.



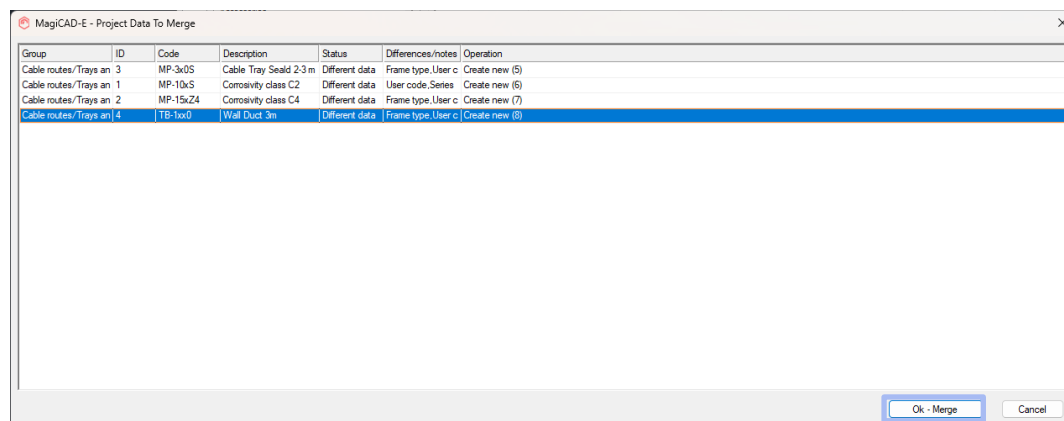
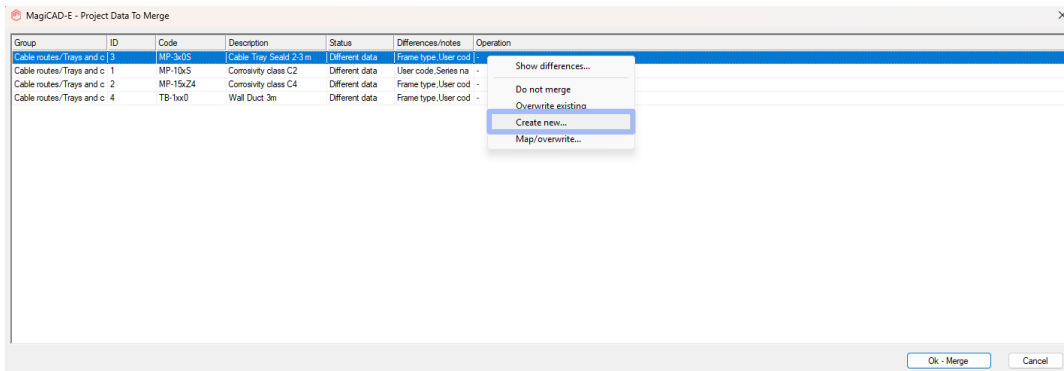
3. Change the source project file MP_bolagen_cable_tray_template.mep
4. Check “Cable routes” and “Trays and conduits”. Then click “Compare data” button.



5. The Merge Project window is opened.



6. If the value in the column Operation is not "Create new ", select the row and click right mouse button. Opens menu with the options. Select "Create new ". Repeat for other cable tray series. Click "Ok – Merge" button.



7. Check in Project Management window, cable tray series are imported. Double click on them, you will get more information and can add 2D block or any other needed data

MagiCAD-E - Project Management - C:\Users\Katja\OneDrive - MagiCAD Group Oy\Documents\2026 MR MCACA\12.mep

Columns by user

ID	Code	Series name	Description	Product code	P9	P11	Layer Variable	2D block
1	CTL		Cable Tray, ladder				21	
2	CTP		Cable Tray, plate				21	
3	CC		Cable Canal				22	
4	CON		Conduit				26	
5	MP-3x05	Cable Tray	Cable Tray Seald 2-3 m	MP-3x05				
6	MP-10x5	Cable Ladders C2	Corrosivity class C2	MP-10x5				
7	MP-15x24	Cable Ladders C4	Corrosivity class C4	MP-15x24				
8	TB-1xx0	Wall Duct	Wall Duct 3m	TB-1xx0				
22	R		Rail				23	
41	FC		Floor Canal				25	

Project:

- Project description
- Project settings
- Model drawings
- Other drawings
- Title blocks
- Electrical
 - Communication, data and building automation
 - Cable routes
 - Systems
 - Trays and conduits
 - Others/CR
 - Back boxes
- Accessories
 - Accessories
 - Fire seals
 - Combination boxes
 - Object groups
 - Text styles
 - Linetypes
 - Linetypes by height
 - Text formats
 - Layer definitions
 - Switchboard schematic def.
 - Power load types
 - Power circuit types
 - Virtual circuits
 - Bus circuits

Disconnect Project Merge Project...
Purge Project...
Close



General	
ID:	6
User code:	<u>MP-10xS</u>
Series name:	Cable Ladders C2
Description:	Corrosivity class C2
Manufacturer:	MP bolagen
Product code:	MP-10xS
Material code:	S
Material name:	Sendzimir

Defaults	
System:	- -
Status:	- not defined -

Classes	
IP class:	- not defined -
EXE class:	- not defined -
Impact rating:	- not defined -
Object ID format:	- Manual value -
BWO size range	-

Drawing Properties	
Layer code {PV}:	
Default elevation [mm]:	0

Product Variables	
Property	Value
National code:	
Hyperlink:	
National classification code (Segment)	...
National classification code (Bend)	...
National classification code (T-branch)	...
National classification code (X-branch)	...
P1:	
P2:	
P3:	
P4:	
P5:	
P6:	
P7:	
P8:	
P9:	
P10:	
P11:	
P12:	
P13:	
P14:	
P15:	
Type name(Segment)	
Type description(Segment)	

Symbol	
	3D Frame ☐ Box ☒ Ladder ☐ Conduit ☐ Track
Select...	No symbol
X-step (wcs):	200

Horizontal bends	
	Inner bend radius: R = 0 ☐ Hatch bend in 2D

Vertical bends	
	Inner bend radius: R = 100 ☐ Hatch bend in 2D

Branches	
	Inner bend radius: R = 0

Reducers/Expanders	

Cut lengths	
0	0
0	0
0	0
0	0
0	0
Do not split if the result is shorter than: 0 mm	

Product Note	

General	
ID:	7
User code:	MP-15xZ4
Series name:	Cable Ladders C4
Description:	Corrosivity class C4
Manufacturer:	MP bolagen
Product code:	MP-15xZ4
Material code:	Z4
Material name:	Magnelis ZM310

Defaults	
System:	- -
Status:	- not defined -

Classes	
IP class:	- not defined -
EXE class:	- not defined -
Impact rating:	- not defined -
Object ID format:	- Manual value -
BWO size range	-

Drawing Properties	
Layer code {PV}:	
Default elevation [mm]:	0

Product Variables	
Property	Value
National code:	
Hyperlink:	
National classification code (Segment)	...
National classification code (Bend)	...
National classification code (T-branch)	...
National classification code (X-branch)	...
P1:	
P2:	
P3:	
P4:	
P5:	
P6:	
P7:	
P8:	
P9:	
P10:	
P11:	
P12:	
P13:	
P14:	
P15:	
Type name(Segment)	
Type description(Segment)	

Symbol	
	3D Frame ☐ Box ☒ Ladder ☐ Conduit ☐ Track
Select...	No symbol
X-step (wcs):	200

Horizontal bends	
	Inner bend radius: R = 0 ☐ Hatch bend in 2D

Vertical bends	
	Inner bend radius: R = 100 ☐ Hatch bend in 2D

Branches	
	Inner bend radius: R = 0

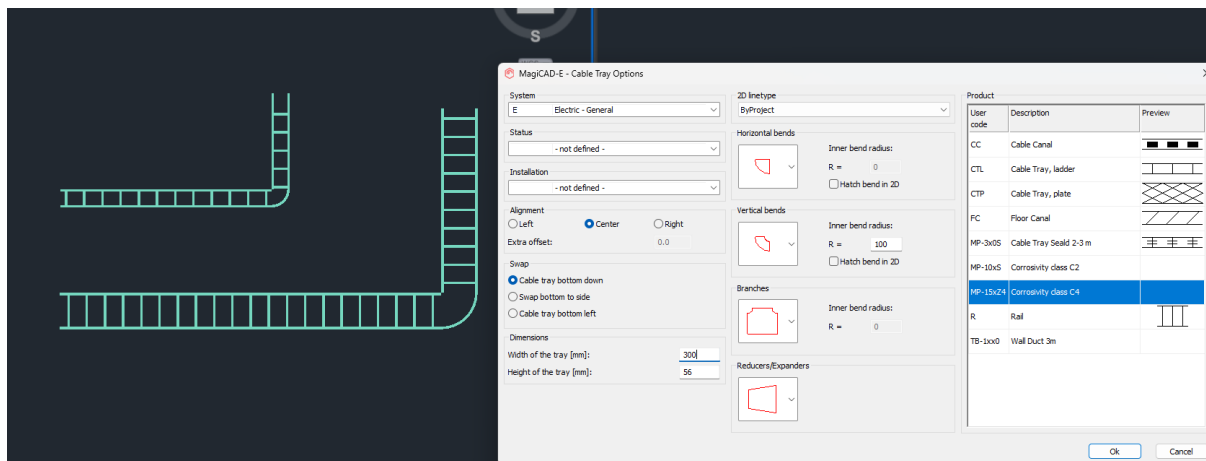
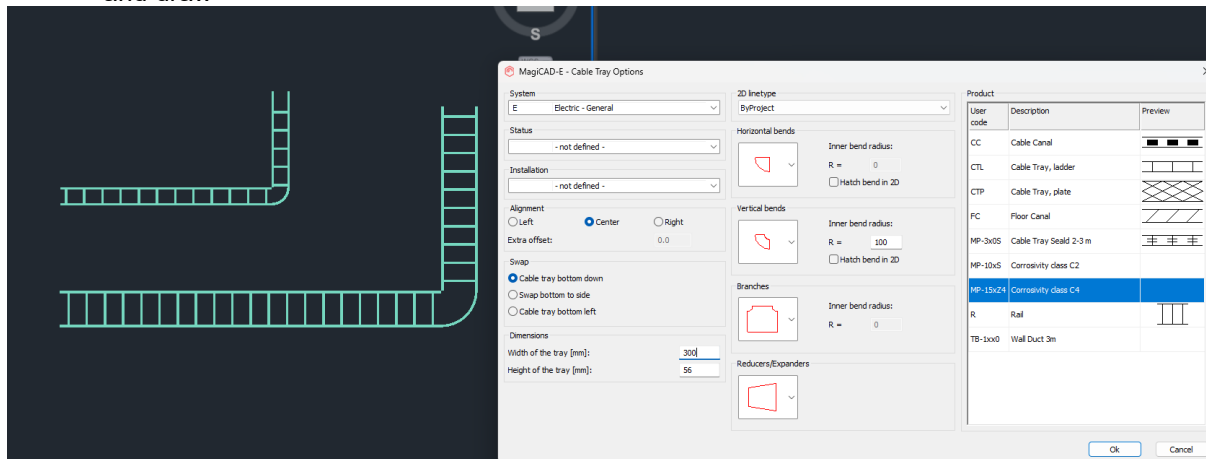
Reducers/Expanders	

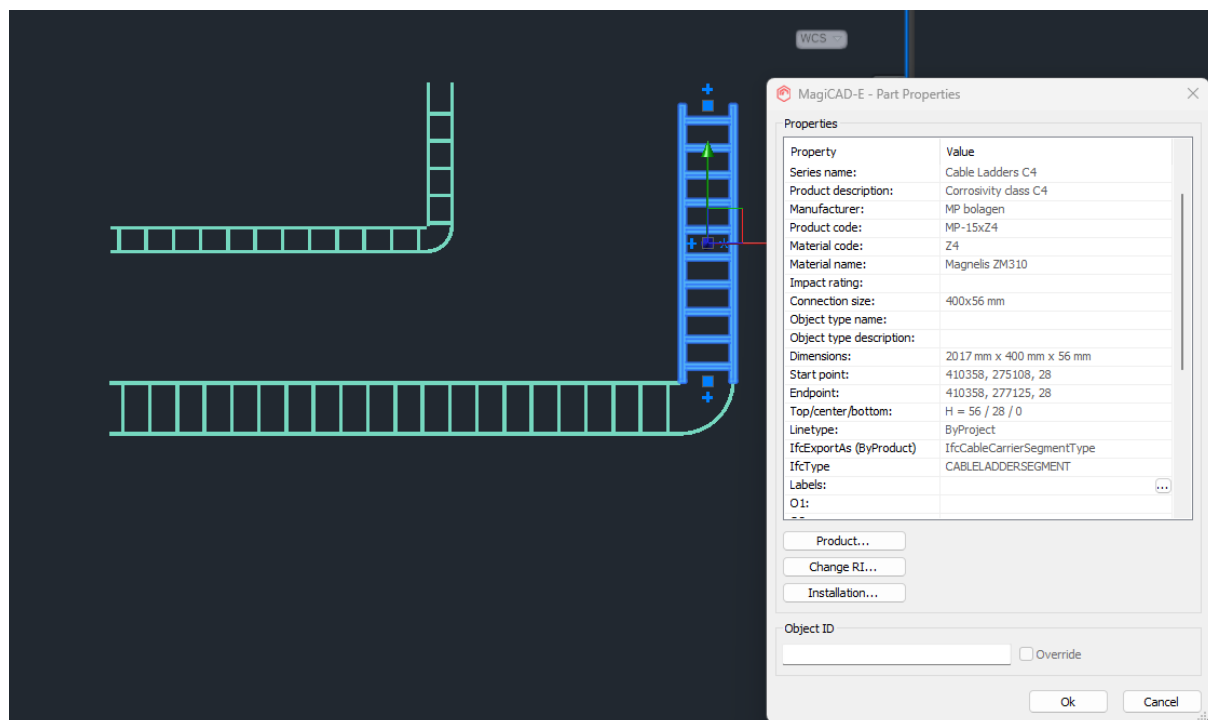
Cut lengths	
0	0
0	0
0	0
0	0
Do not split if the result is shorter than:	0 mm

Product Note	

MagiCAD Group Oy, Aurakatu 8, 20100 Turku, Finland | Business ID 2076519-0 | www.magicad.com

8. Drawing cable tray with MP bolagen series. Select the product, add/update data, dimensions, and draw





9. Products are listed in Bill of material

