

# MÜPRO

MP Designer 3D

Version 3.4.3.2412.1

Release notes



DESIGNER 3D

MP Designer 3D – Release notes

© MÜPRO Services GmbH

| Version     | Date       | Autor / Editor | Description / Comment               |
|-------------|------------|----------------|-------------------------------------|
| <b>1.04</b> | 2024-12-19 | Marcus Bechtel | Changelog updated to version 2412.1 |
| <b>1.03</b> | 2024-11-19 | Marcus Bechtel | Changelog updated                   |
| <b>1.02</b> | 2024-11-18 | Marcus Bechtel | Changelog updated                   |
| <b>1.01</b> | 2024-10-15 | Marcus Bechtel | Changelog updated                   |
| <b>1.00</b> | 2024-09-02 | Marcus Bechtel | Initial PDF-Version                 |

## Table of contents

|     |                          |    |
|-----|--------------------------|----|
| 1   | Scope .....              | 3  |
| 2   | Features .....           | 3  |
| 3   | Current release .....    | 3  |
| 4   | Known issues .....       | 4  |
| 4.1 | Special characters ..... | 4  |
| 5   | Changelog .....          | 5  |
| 6   | Contact.....             | 13 |

## 1 Scope

The aim of MP Designer 3D (MP3D) is to provide engineers and designers with a free 3D planning tool that includes the MÜPRO families.

## 2 Features

The MP3D is free software that does not require an additional license.

It is easy to use and can also be used on low-performance computers.

- ▶ 3D design
- ▶ Free to use (without special license)
- ▶ Easy to use
- ▶ Lightweight
- ▶ CAD export in multiple formats / systems
- ▶ PDF export

## 3 Current release

The current release date of the MÜPRO MP Designer 3D is **November 19<sup>th</sup>, 2024**

The Version indicates the Year and Month of release and the release number.

Syntax: 202412.1

This means that the release will take place in **December 2024** and the version number is **1**

## 4 Known issues

### 4.1 Special characters

Language settings with special character set like Cyrillic, Greek, Chinese, Korean, etc.

Umlauts, accents, characters and spaces cause frequent problems with file operations (opening, saving, etc.).

#### Occurrence:

- ▶ Language settings with special character set like Cyrillic, Greek, Chinese, Korean, etc.)
- ▶ Special characters used in:
  - Windows profile names (%userprofile%)
  - folder names (e.g. storage paths)
  - filenames

#### Remedy:

- ▶ Use close to root folder to store your projects (e.g. c:\MP3D\projects)
- ▶ Avoid special characters in:
  - Windows profile names (%userprofile%)
  - folder names (e.g. storage paths)
  - filenames

## 5 Changelog

### Legend

**KB** = KB-number (knowledge base)

**FIX** = Error correction | **CHG** = Modification | **NEW** = New component or feature

**M/D** = Affects: main program (**M**) or database (**D**)

**Version 3.43.2412.1 (CC:3.4.5.0 | Exp: 3.4.5 | DB:2412.1)**

NEW/D | KB#202411181030: “dietul Montagetechnik GmbH” products added

**Version 3.43.2411.2 (CC:3.4.5.0 | Exp: 3.4.5 | DB:2411.2)**

NEW/D | KB#: DIN1025-HE-B steel beams added in standard parts

**Version 3.43.2411.1 (CC:3.4.5.0 | Exp: 3.4.5 | DB:2411.1)**

FIX/D | KB#: Minor errors in database fixed

**Version 3.43.2410.1 (CC:3.4.5.0 | Exp: 3.4.5 | DB:2410.1)**

NEW/D | KB#20240829102: MPR type S connector

NEW/D | KB#20240829103: MPR sliding element

**Version 3.43.2409.1 (CC:3.4.5.0 | Exp: 3.4.5 | DB:2409.1)**

FIX/D | KB#202409301029: Wrong holes in wall hanger brackets

NEW/D | KB#202408281037: Hammer head fasteners zinc flake coating

NEW/D | KB#202409041023: End caps for heavy duty support profile

FIX/D | KB#202408301021: MPC support channel weight in English language

NEW/D | KB#20240828103 : Big Foot

CHG/M | KB#: Version numbering scheme changed [yymm.#]

FIX/D | KB#: Color/SKU assignment of primitives

FIX/D | KB#: Missing XML file filter in file dialog for display layouts

**Version 3.43.007 (CC:3.4.5.0 | Exp: 3.4.5 | DB:2408.1)**

NEW/D: New products added

**Version 3.43.006 (CC:3.4.5.0 | Exp: 3.4.5 | DB:2405.1)**

FIX/D: DIN1025 standard parts bug fixed

**Version 3.43.005 (CC:3.4.5.0 | Exp: 3.4.5 | DB:2405.0)**

CHG/D: New products added

FIX/D: Missing standard parts bug fixed

**Version 3.43.004 (CC:3.4.5.0 | Exp: 3.4.5 | DB:2404.1)**

CHG/D: New products added

FIX/D: Missing standard parts bug fixed

**Version 3.43.003 (CC:3.4.5.0 | Exp: 3.4.5 | DB:2402.2)**

FIX/D: New official Release

**Version 3.43.003 (CC:3.4.5.0 | Exp: 3.4.5 | DB:2402.1)**

FIX/D: First beta release

**Version 3.43.002 (CC:3.4.5.0 | Exp: 3.4.5 | DB:2312.1)**

FIX/D: Internal improvements

**Version 3.43.001 (CC:3.4.5.0 | Exp: 3.4.5 | DB:2305.0)**

FIX/D: Internal improvements

**Version 3.41.002 (CC:3.4.5.0 | Exp: 3.4.5 | DB:2303.0)**

FIX/D: Internal improvements

**Version 3.41.001 (CC:3.4.5.0 | Exp: 3.4.5 | DB:2301.1)**

NEW/F: Camera manager und Camera views export in PDF added

FIX/D: Internal improvements

CHG/M: Update CADClick-kernel Version to 3.4.5

**Version 3.40.009 (CC:3.4.3.0 | Exp: 3.4.3 | DB:2301.0)**

FIX/D: Internal improvements

**Version 3.40.008 (CC:3.4.3.0 | Exp: 3.4.3 | DB:2212.8)**

FIX/D: Internal improvements

**Version 3.40.005 (CC:3.4.3.0 | Exp: 3.4.3 | DB:2212.2)**

NEW/M: Function rotate with align improved

NEW/M: Function move by anchor improved

NEW/M: PDF-export, horizontal pictures added

NEW/D:

**Version 3.40.004 (CC:3.4.3.0 | Exp: 3.4.3 | DB:2212.1)**

FIX/D: Error in switching level of detail fixed

**Version 3.40.003 (CC:3.4.3.0 | Exp: 3.4.3 | DB:2212.0)**

FIX/D: Revit-Interface CAD-export error fixed

**Version 3.40.002 (CC:3.4.3.0 | Exp: 3.4.3 | DB:2211.0)**

NEW/D #202211021036: Duct fixing angle with insulator type 3 added (sku: 172084)

NEW/D #202211021033: MMPR Support Channel 41/21/1,5 ergaenzt (sku: 175787, 175788)

**Version 3.40.002 (CC:3.4.3.0 | Exp: 3.4.3 | DB:2210.0)**

NEW/D: MPC quick fastener plus added

NEW/D: Steel profiles DIN1025-IPE added

**Version 3.40.001 (CC:3.4.3.0 | Exp: 3.4.3 | DB:2209.0)**

CHG/M: Version number schemata changed

CHG/M: Update CADClick-kernel Version to 3.4.3

NEW/M: Multiple rows in text/dimensions

NEW/M: Delete function for text/dimensions in context menu

NEW/M: Library filter columns added

NEW/M: GUI: save/load GUI layout

NEW/M: Switch to catalog mode via keyboard

NEW/M: Adjustable timer for autosave added

NEW/M: Drag&drop for files added

NEW/M: Extended project information

NEW/M: PDF additional pages

NEW/M: PDF Export: default filename

NEW/M: PDF Export: settings get stored

NEW/M: PDF Export: landscape

NEW/M: Driver Update VISI 2022 (3D)

NEW/M: Driver Update TopSolid 7.16 3D

NEW/M: Driver Update TopSolid 7.15 3D

NEW/M: Driver Update TopSolid 7.14 3D

NEW/M: Driver Update CADDy++ 2022 3D

NEW/M: Driver Update CADDy++ 2021 3D

NEW/M: Driver Update SolidEdge 2022 2D + 3D

NEW/M: Driver Update HiCAD 2022 2D + 3D

NEW/M: Driver Update BricsCAD 22 3D

NEW/M: Driver Update SolidWorks 2022 3D

NEW/M: Driver Update Spirit 2021 2D + 3D

NEW/M: Driver Update Cimatron 16 3D

NEW/M: Driver Update MegaCAD 2022 3D

NEW/M: Driver Update Inventor 2023 3D

NEW/M: Driver Update AutoCAD LT 2023 2D + 3D

NEW/M: Driver Update AutoCAD 2023 2D + 3D

NEW/M: Driver Update TopSolid 2022 3D

NEW/M: Driver Update TopSolid 2021 3D

NEW/M: Driver Update Creo Parametric 8 3D

NEW/M: Driver Update Creo Parametric 7 3D

NEW/M: Driver Update Creo Parametric 6 3D

**Update 2201.2 (CC:3.3.4.0 | Exp: 3.3.4 | DB:2201.2)**

CHG: Internal database structural improvements

**Update 2201.1 (CC:3.3.4.0 | Exp: 3.3.4 | DB:2201.1)**  
NEW: Special product DACH added

**Update 2201.0 (CC:3.3.4.0 | Exp: 3.3.4 | DB:2201.0)**  
FIX: Weight calculation fixed

**Update 2111.0 (CC:3.3.4.0 | Exp: 3.3.4 | DB:2111.0)**  
FIX: Errors in visibility fixed

**Update 2107.0 (CC:3.3.4.0 | Exp: 3.3.4 | DB:2107.0)**  
FIX: Standard parts type control fixed  
CHG: Regular support channels added  
CHG: Internal database structural improvements  
NEW/M: Driver Update AutoCAD 2022 (2D+3D)  
NEW/M: Driver Update AutoCAD LT (2D+3D)  
NEW/M: Driver Update BricsCAD 21 (3D)  
NEW/M: Driver Update Inventor 2022 (3D)  
NEW/M: Driver Update TENADO V17 (3D)

**Update 2105.0 (CC:3.3.4.0 | Exp: 3.3.4 | DB:2105.0)**  
CHG: Internal database structural improvements  
NEW/M: Driver Update HiCAD 2021 (2D+3D)  
NEW/M: Driver Update NX 1847 Series - 1953 Series (3D)  
NEW/M: Driver Update TopSolid 2020 (3D)  
NEW/M: Driver Update TurboCAD 2021 (2D+3D)  
NEW/M: Driver Update VectorWorks 2021 (3D)

**Update 2104.0 (CC:3.3.4.0 | Exp: 3.3.4 | DB:2104.0)**  
CHG: Internal database structural improvements

**Update 2103.5 (CC:3.3.4.0 | Exp: 3.3.4 | DB:2103.5)**  
CHG: Internal database structural improvements

**Update 2103.4 (CC:3.3.4.0 | Exp: 3.3.4 | DB:2103.4)**  
CHG: Internal database structural improvements

**Update 2103.3 (CC:3.3.4.0 | Exp: 3.3.4 | DB:2103.3)**  
CHG: Internal database structural improvements

**Update 2103.2 (CC:3.3.4.0 | Exp: 3.3.4 | DB:2103.2)**  
CHG: Internal database structural improvements

**Update 2103.1 (CC:3.3.4.0 | Exp: 3.3.4 | DB:2103.1)**  
CHG: Internal database structural improvements

**Update 2103.0 (CC:3.3.4.0 | Exp: 3.3.4 | DB:2103.0)**  
CHG: Internal database structural improvements

**Update 2102.3 (CC:3.3.4.0 | Exp: 3.3.4 | DB:2102.2)**  
NEW: Hanger sockets with inner thread 45 deg added  
NEW/M: Driver Update CADdy++ 2020 (3D)  
NEW/M: Driver Update MegaCAD 2020 (3D)  
NEW/M: Driver Update MegaCAD 2021 (3D)  
NEW/M: Driver Update Solid Edge 2021 (2D)  
NEW/M: Driver Update Solid Edge 2021 (3D)  
NEW/M: Driver Update SolidWorks 2021 (3D)  
NEW/M: Driver Update BricsCAD 18 (3D)  
NEW/M: Driver Update BricsCAD 19 (3D)  
NEW/M: Driver Update BricsCAD 20 (3D)  
NEW/M: Driver Update Cimatron 15 (3D)  
NEW/M: Driver Update TopSolid 7.13 (3D)  
NEW/M: Driver Update Visi 2021 (3D)

**Update 2102.2 (CC:3.3.4.0 | Exp: 3.3.4 | DB:2102.2)**



CHG: Internal database structural improvements

**Update 2102.1 (CC:3.3.4.0 | Exp: 3.3.4 | DB:2102.1)**

CHG: Internal database structural improvements

**Update 2102.0 (CC:3.3.4.0 | Exp: 3.3.4 | DB:2102.0)**

NEW: STATO bracket with STATO clamp configuration added

NEW: STATO brackets configuration added

**Update 2012.1 (CC:3.3.4.0 | Exp: 3.3.4 | DB:2012.1)**

CHG: STATO brackets configuration added

**Update 2011.1 (CC:3.3.4.0 | Exp: 3.3.4 | DB:2011.1)**

FIX: Colour issues fixed in 3D model.

**Update 2010.4 (CC:3.3.4.0 | Exp: 3.3.4 | DB:2010.4)**

FIX: Geometry and colour issues fixed in 3D model.

**Update 2010.3 (CC:3.3.4.0 | Exp: 3.3.4 | DB:2010.3)**

FIX: Geometry issue fixed in 3D model.

**Update 2010.2 (CC:3.3.4.0 | Exp: 3.3.4 | DB:2010.2)**

FIX = LOD error fixed

**Update 2010.1 (CC:3.3.4.0 | Exp: 3.3.4 | DB:2010.1)**

NEW/D: Preassembled mounting bracket #169732 added

NEW/D: Cross channel connector MPC/MPR updated

**Update 2010.0 (CC:3.3.4.0 | Exp: 3.3.4 | DB:2010.0)**

NEW/D: Height adjustable pipe slide type DHV added

NEW/D: Height adjustable pipe slide type THV2 added

NEW/D: Height adjustable pipe slide type THV1 added

**Update 2008.0 (CC:3.3.4.0 | Exp: 3.3.4 | DB:2008.0)**

NEW/M: Driver update AutoCAD 2021 (2D & 3D)

NEW/M: Driver update AutoCAD LT 2021 (2D & 3D)

NEW/M: Driver update HiCAD 2020 (2D & 3D)

NEW/M: Driver update Inventor 2021 (3D)

NEW/M: Driver update Spirit 2020 (2D & 3D)

NEW/M: Driver update Palette CAD 10 (3D)

NEW/M: Driver update TurboCAD 2020 (2D & 3D)

NEW/M: Driver update TurboCAD 2020 Professional (3D)

NEW/M: Driver update VISI 2020 (3D)

NEW/M: Driver update REVIT 2020 (3D)

**Update 2005.0 (CC:3.3.4.0 | Exp: 3.3.4 | DB:2005.0)**

NEW/D: MPT-Support profile Q100 Sendzimir galvanized added

NEW/D: Stahl anchors stainless steel added

NEW/D: Through anchors stainless steel added

NEW/D: Anchor rods for injection anchor stainless steel added

**Update 2003.1 (CC:3.3.4.0 | Exp: 3.3.4 | DB:2003.1)**

FIX/D: Missing localized item descriptions added

**Update 2003.0 (CC:3.3.4.0 | Exp: 3.3.4 | DB:2003.0)**

NEW/D: Single bossed clamp heavy-duty Version with three times connector added

NEW/D: Injection anchor XV Plus added

**Update 2002.3 (CC:3.3.4.0 | Exp: 3.3.4 | DB:2002.3)**

NEW/M: BOM Featureupdate

NEW/D: Angle 90 deg #1068679 and #168680 added

**Update 2002.2 (CC:3.3.1.23905 / DB:2002.2)**

NEW/D: U-Steel acc. DIN1026 added

NEW/D: Adjustable pipe bends added

NEW/D: Adjustable rectangular pipe bends added

FIX/D: Internal improvements and bugfixes

**Update 2002.1 (CC:3.3.1.23905 / DB:2002.1)**

CHG/D: Elbow EN10253 added

FIX/D: Pipes DIN2448 fixed

**Update 2002.0 (CC:3.3.1.23905 / DB:2002.0)**

FIX/D: Internal update, not released!

**Update 2001.0 (CC:3.3.1.23905 / DB:2001.0)**

CHG/M: Export filter for CADdy++ 2019 (3D) added

CHG/M: Export filter for HiCAD 2019 (2D & 3D) added

CHG/M: Export filter for SolidEdge 2020 (2D & 3D) added

CHG/M: Export filter for TopSolid 2019 (3D) added

**Update 1912.0 (CC:3.3.1.23905 / DB:1912.0)**

CHG/M: Export for ifc4- and Microstation 10 (3d) files added

**Update 1911.2 (CC:3.3.1.23905 / DB:1911.2)**

CHG/D: MPC support channels HDG #105072, #105074 removed

**Update 1911.1 (CC:3.3.1.23905 / DB:1911.1)**

CHG/D: Threaded rods, min. length reduced to 10mm

**Update 1911.0 (CC:3.3.1.23905 / DB:1911.0)**

NEW/D: Item 172692 concrete screw MMS plus hex head 12x90

FIX/D: MPT-consoles base plate holes

**Update 1909.4 (CC:3.3.1.23905 / DB:1909.4)**

CHG/D: DIN2448 tubes fixed and added

FIX/D: Item #129647 fixed

**Update 1909.3 (CC:3.3.1.23905 / DB:1909.3)**

CHG/D: Internal optimization of the database

**Update 1909.2 (CC:3.3.1.23905 / DB:1909.2)**

FIX/D: PDF-export error fixed

**Update 1909.1 (CC:3.3.1.23905 / DB:1909.1)**

FIX/D: LoD-error fixed

**Update 1909.0 (CC:3.3.1.23905 / DB:1909.0 )**

CHG/D: MPT support channel Q50/3.5mm (#131623) withdrawn

NEW/D: Adjustable primitives added (cuboid, pipe, duct)

NEW/D: Adjustable Ceiling and Wall added

CHG/D: Classical ceiling and wall elements withdrawn

**Update 1908.2 (CC:3.3.1.23905 / DB:1908.2 )**

FIX/D: Configuration error fixed

**Update 1908.1 (CC:3.3.1.23905 / DB:1908.1 )**

FIX/M: License issue fixed

**Update 1908.0 (CC:3.3.1.23905 / DB:1908.0 )**

NEW/D: Strutting element FPA

NEW/D: Single bossed clamp heavy duty hot dip galvanized

NEW/D: MPR-Construction angle with strut, type S+, galvanised

**Update 1906.1 (CC:3.3.1.23905 / DB:1906.1)**

NEW/D: U-Protect pipe section Alu - Mineral wool

**Update 1906.0 (CC:3.3.1.23905 / DB:1906.0)**

FIX/D: Internal update, not released!

**Update 1905.1 (CC:3.3.1.23905 / DB:1905.1)**

NEW/M: 64bit CAD-export module for large assemblies

NEW/M: Editor color override (not working in CAD-export)  
NEW/M: CAD-Support AutoCAD Architecture 2020 (2D & 3D)  
NEW/M: CAD-Support AutoCAD LT 2020 (2D & 3D)  
NEW/M: CAD-Support AutoCAD 2020 (2D & 3D)  
NEW/M: CAD-Support AutoCAD Plant 2020 (3D)  
NEW/M: CAD-Support CATIA 2018 (3D)  
NEW/M: CAD-Support Inventor 2020 (3D)  
FIX/D: Description limited to 75 characters  
FIX/D: MPT profile Q50 weight

**Update 1905.0 (CC:3.3.0 / DB:1905.0)**

NEW/D: Concrete screws MMS-plus  
FIX/D: MPT-VARIO-joints angular adjustment  
FIX/D: MPC-VARIO-joints angular adjustment

**Update 1904.1 (CC:3.3.0 / DB:1904.1)**

NEW/D: Ventilation floor consoles 250mm, 400mm  
NEW/D: Fire protection Rohrmanschetten  
NEW/D: Montagewinkel Edelstahl  
FIX/D: Some rotary parts  
CHG/D: DIN84 Screws line anchor added  
CHG/D: DIN603 Screws line anchor added  
CHG/D: DIN912 Screws line anchor added  
CHG/D: DIN933 Screws line anchor added  
CHG/D: DIN7985 Screws line anchor added  
CHG/D: DIN976 Threaded rods line anchor added  
CHG/D: Support angle anchor points

**Update 1904.0 (CC:3.3.0 / DB:1904.0)**

FIX/D: Internal update, not released!

**Update 1903.4 (CC:3.3.0 / DB:1903.4)**

FIX/D: Attribute assignment database  
FIX/D: Some missing weights  
CHG/D: Mounting bases for flat roof installation  
CHG/D: Adapter for mounting bases for flat roof installation

**Update 1903.3 (CC:3.3.0 / DB:1903.3)**

NEW/D: Vibration Control Vibration dampers  
NEW/D: Ventilation floor consoles  
FIX/D: MPR Type S+ Saddle support  
CHG/D: Anchor points support channels  
CHG/D: Data assignments in library tree  
CHG/M: Internal optimizations

**Update 1903.2 (CC:3.3.0 / DB:1903.2)**

FIX/D: Internal update, not released!

**Update 1903.1 (CC:3.3.0 / DB:1903.1)**

FIX/D: Internal update, not released!

**Update 1903.0 (CC:3.3.0 / DB:1903.0)**

CHG/M: Internal optimizations  
NEW/D: MPR S+ components hot dip galvanized  
NEW/M: Update routine via info dialog  
NEW/M: CAD-Support VectorWorks 2019  
NEW/M: CAD-Support TurboCAD 2019  
NEW/M: CAD-Support MegaCAD 2019  
NEW/M: CAD-Support SolidWorks 2019  
NEW/M: CAD-Support Bentley Microstation 10 (3D)

**Update 1902.6 (CC:3.3.0 / DB:1902.6)**

NEW/D: MAFUND-Sheet added

**Update 1902.5 (CC:3.3.0 / DB:1902.5)**

CHG/D: Data assignments in library tree

NEW/D: DIN24145 - spiral ducts  
 NEW/D: EN10210 - Hollow profiles  
 NEW/D: DIN2448 - Steel pipes  
 NEW/D: DIN19500 - Drain pipes  
 NEW/D: GEBERIT PE - Drain pipes  
 NEW/D: GEBERIT Silent PP - Drain pipes  
 NEW/D: Supporting angle

**Update 1902.4 (CC:3.3.0 / DB:1902.4)**  
 FIX/D: Internal update, not released!

**Update 1902.3 (CC:3.3.0 / DB:1902.3)**  
 FIX/D: Support channel length H-Profile & MPT-Q150

**Update 1902.2 (CC:3.3.0 / DB:1902.2)**  
 FIX/D: Database fixed

**Update 1902.1 (CC:3.3.0 / DB:1902.1)**  
 FIX/D: STATO-Clamps database assignment fixed

**Update 1902 (CC:3.3.0 / DB:1902.0)**  
 FIX/D: Parts with angular adjustment  
 FIX/D: Database link for stainless steel products  
 FIX/D: Database link for hot dip galvanized products  
 FIX/D: Anchor points MPC diverse  
 FIX/D: Anchor points MPR diverse  
 FIX/D: Anchor points MPR Typ S+ diverse  
 FIX/D: DAEMMGULAST Channel sections length adjustment  
 FIX/D: Material assignment for different parts  
 NEW/D: Stainless steel products added  
 NEW/D: Hot dip galvanized products added  
 NEW/D: MPT-Profile 4-rail added  
 NEW/D: MPT-parts with angle adjustment added  
 NEW/D: Ceiling and Wall gypsum plasterboard 12mm und 20mm added  
 CHG/D: Ceiling and Wall gypsum plasterboard (200mm) removed  
 CHG/M: Optimization for PDF-export layout  
 CHG/D: Length adjustment for threaded rods added

**Update 1812 (CC:3.3.0 / DB:1812.0)**  
 FIX/D: Anchor points MPC  
 FIX/D: Anchor points MPR  
 FIX/D: Anchor points MPR type S+  
 FIX/M: Crash at right mouse click in empty frame  
 FIX/D: Parts with angle adjustment  
 FIX/D: Dimensions in PDF file  
 FIX/D: Item information changed  
 FIX/D: Weight calculation for support channels  
 FIX/D: Several info pictures added  
 FIX/D: MPC/MPR-Protection caps anchor  
 FIX/D: MPC 38/48 support channel  
 FIX/D: Single bossed clamp with connection socket  
 FIX/D: Threaded pipes  
 CHG/D: Internal material assignment  
 CHG/D: Threaded pipe adjustable length  
 CHG/M: Program gui improved  
 CHG/M: Library search textbox enlarged  
 CHG/D: Bill of material default view flat  
 CHG/M: License management activated  
 NEW/D: Rectangular air duct's EN1505 extended  
 NEW/M: Support for BricsCAD 17 (3D)  
 NEW/M: Support for CADdy++ 2018 (3D)  
 NEW/M: Support for Cimatron 14 (3D)  
 NEW/M: Support for Creo Parametric 5.0 (3D)  
 NEW/M: Support for VISI 2018 (3D)  
 NEW/M: CAD-Support fuer REVIT 2019

**Update 1811 (CC:3.3.0 / DB:1811.0)**

FIX/M: 3D-PDF export error fixed  
FIX/D: PDF language error NL fixed  
CHG/D: PDF layout modified  
CHG/D: Special characters in item-description replaced

-----

**Update 1810 (CC:3.3.0 / DB:1810.0)**

NEW/D: Building elements added  
NEW/D: Ceiling and wall elements added  
FIX/D: Vibration Control LOD3-error fixed  
FIX/D: Pipe clamps LOD3-error fixed  
FIX/D: Support channels LOD3-error fixed  
FIX/D: Accessories LOD3-error fixed  
FIX/D: Anchor points / Expansion points LOD3-error fixed  
FIX/D: Heavy-Duty pipe supports LOD3-error fixed  
FIX/D: Ventilation LOD3-error fixed  
FIX/D: Pipe connectors LOD3-error fixed  
FIX/D: Stainless steel LOD3-error fixed  
FIX/D: Hot-dip galvanized LOD3-error fixed  
FIX/D: Anchors and plugs LOD3-error fixed  
FIX/D: Nameplates LOD3-error fixed  
FIX/D: Marine products LOD3-error fixed  
FIX/D: Standard parts LOD3-error fixed  
CHG/D: Support channels material definition changed  
CHG/D: Connection lock nut position and orientation adjusted

## 6 Contact

### **MÜPRO Services GmbH**

Befestigungs- und Schallschutzsysteme /

Borsigstrasse 14, 65205 Wiesbaden (GERMANY)

Phone: +49 6122 808 0

Mail: [info@muepro.de](mailto:info@muepro.de)

Web: [www.muepro.com](http://www.muepro.com)

Please direct your comments and questions about our Revit family library to:

### **MÜPRO Digital Tools & Services**

Phone: +49 6122 808 505

Mail: [bim@muepro.de](mailto:bim@muepro.de)

