



# Mex<sup>®</sup> FIX-C1

## TECHNICAL DATA SHEET

Mex-Fix C1, made from martensitic stainless steel C1, is a screw specifically developed for fastening facade profiles to wooden substructures.

The screw features a rounded head, milling and driving threads, a specially designed tip, a Torx profile, and many other advantages.

### Description and Benefits of the Mex-Fix C1

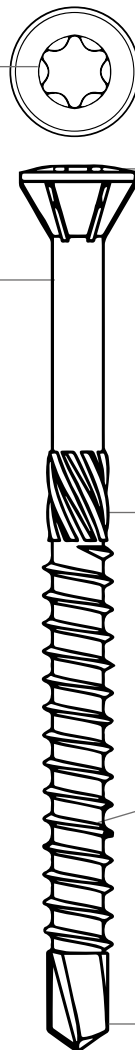
**TORX PROFILE:** Transmits greater torque

**SCREW SHAFT:** Reduces friction and installation torque, increases resistance to breakage, and ensures efficient power transmission

**MARTENSITIC STAINLESS STEEL C1:** High-strength steel with good mechanical resistance. It is corrosion-resistant in less aggressive environments and withstands typical weather conditions excellently

**+ PASSIVATION PROTECTION:** Enhances corrosion resistance

**SUITABLE USE:** Ideal for mounting facade profiles to wooden substructures and outdoor furniture in mild outdoor conditions. Best used with wood types with low tannin content, providing long service life and reliable performance



**ROUNDED HEAD:** The smaller rounded head ensures an aesthetically pleasing, unobtrusive appearance when countersunk into wood

**MILLING THREAD:** Reduces friction and resistance during screwing, minimizes the risk of wood splitting, effectively removes chips, and ensures a firm hold of the screw in the material

**DRIVING THREAD:** Allows quick screwing of facade profiles to wooden substructures

**TIP:** Equipped with a special „drill“ for more efficient screwing

## Material Description – Stainless Steel C1

- ✓ Suitable for softwood species and woods with low tannin content, such as pine, spruce, larch, etc.
- ✓ **Surface treatment by passivation** increases corrosion protection
- ✓ **High durability:** C1 is martensitic stainless steel, hardened, and has 50% higher breakaway torque than austenitic stainless steel A2 and A4
- ✓ **Limited corrosion resistance:** Stainless steel C1 is not suitable for use in aggressive environments, such as areas with high salt or chlorine content
- ✓ Magnetic properties



SOFTWOOD  
APPLICATIONS



HIGH STRENGTH  
OF THE SCREW



CLADDING  
APPLICATIONS



MAGNETIC PROPERTIES  
OF THE SCREW



## Mex-Fix C1 is intended for:



**Softwood species**

- ✓ Spruce
- ✓ Siberian Larch\*
- ✓ Silesian Larch\*
- ✓ Pine (with and without pressure treatment)

*Note: This recommendation may not apply to all usage scenarios. The properties and lifespan of the screw can be influenced by specific environmental conditions. Therefore, we recommend consulting with your dealer.*

*\* It is possible to use, but we recommend consulting with your dealer.*

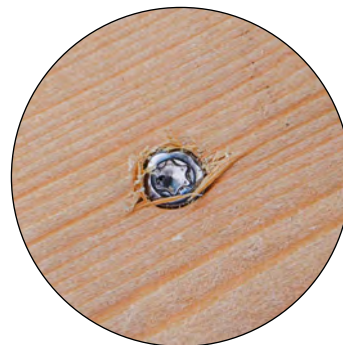
## Cladding Screw Offer

| Art. No.  | Screw Name | Size      | Torx | Packaging |
|-----------|------------|-----------|------|-----------|
| 440C1FIX  | Mex-Fix-C1 | 4,0x40 mm | TX15 | 200 pcs   |
| 450C1FIX  | Mex-Fix-C1 | 4,0x50 mm | TX15 | 200 pcs   |
| 460C1FIX  | Mex-Fix-C1 | 4,0x60 mm | TX15 | 200 pcs   |
| 4550C1FIX | Mex-Fix-C1 | 4,5x50 mm | TX20 | 200 pcs   |
| 4560C1FIX | Mex-Fix-C1 | 4,5x60 mm | TX20 | 200 pcs   |
| 4570C1FIX | Mex-Fix-C1 | 4,5x70 mm | TX20 | 200 pcs   |
| 545C1FIX  | Mex-Fix-C1 | 5,0x45 mm | TX20 | 200 pcs   |
| 550C1FIX  | Mex-Fix-C1 | 5,0x50 mm | TX20 | 200 pcs   |
| 560C1FIX  | Mex-Fix-C1 | 5,0x60 mm | TX20 | 200 pcs   |
| 570C1FIX  | Mex-Fix-C1 | 5,0x70 mm | TX20 | 200 pcs   |
| 580C1FIX  | Mex-Fix-C1 | 5,0x80 mm | TX20 | 200 pcs   |

*During installation, it is recommended to pre-drill holes for the screws to ensure accuracy and reduce the risk of material damage.*



With Pre-drilling



Without Pre-drilling