

# Mex<sup>®</sup> FLAT-UNI-A2-ANTIQUE

## TECHNICAL DATA SHEET

*Mex-Flat-UNI-A2-Antique, made of A2 austenitic stainless steel, is a screw specially developed for fastening wooden elements to supporting wooden structures.*

*The screw features a knurled star thread, an additional driving thread, ribs under the head, a Torx drive, and many other advantages.*

### Description and Benefits of the Mex-Flat-UNI-A2-Antique

**SHANK:** Reduces friction and installation torque, increases resistance to breakage, and ensures efficient force transmission

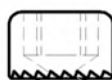
**STAINLESS STEEL A2:** A2 stainless steel offers good corrosion resistance in mildly aggressive environments. It is ideal for exterior use because it reliably withstands common weather conditions.

**HIGHER COPPER CONTENT:** The increased copper content, combined with special heat treatment, gives the screw its characteristic brown shade, allowing it to blend naturally with wood. This feature also provides additional protection against chemical reactions between the screw and the wood, increasing corrosion resistance and extending service life.

**SUITABLE USE:** Mex-Flat-UNI-A2 in the Antique shade is designed for applications where not only functionality but also the appearance of the joint is important — especially in visible wooden structures made of thermowood and other similar dark brown wood species.



**TORX DRIVE:** Transfers higher torque



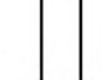
**FLAT HEAD:** Flush alignment with the wood surface for a clean and unobtrusive appearance



**RIBS UNDER THE HEAD:** Reduce the risk of burr formation – clean joint



**DRIVING THREADS:** The lower thread enables fast screwing. The upper thread additionally pulls decking boards tightly to the supporting structure.



**KNURLED STAR THREAD:** Cuts wood fibers into fine powder, facilitating penetration into both softwood and hardwood without disrupting the grain structure and providing additional joint security



**TIP:** Facilitates easy penetration into the material

# Mex® FLAT-UNI-A2-ANTIQUE

## Material Description – Stainless Steel A2

- ✓ High corrosion resistance in humid environments. Suitable for wood species such as Thermowood, softwood, and selected exotic wood species with lower tannin content, such as Garapa and Dark Red Meranti.
- ✓ The Antique shade improves joint appearance and increases corrosion resistance.
- ✓ Conditionally suitable for wood species with lower tannin content.
- ✓ Conditionally suitable for acidic environments.
- ✓ Not suitable for environments containing chlorine or salt (swimming pools, seaside areas).



DECKING  
APPLICATIONS



CLADDING  
APPLICATIONS



GENERAL USE  
FOR WOOD  
CONSTRUCTIONS



SOFTWOOD  
AND HARDWOOD  
APPLICATION



LIMITED ACID  
RESISTANCE



## Mex Flat-UNI-A2-Antique is intended for:



**Softwood species**

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



**Thermowood**

- ✓ Thermowood Pine
- ✓ Thermowood Spruce



**Hardwood species –  
with lower tannin  
content**

- ✓ Massaranduba
- ✓ Garapa
- ✓ Jatoba
- ✓ Dark Red Meranti - Bukit

*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.*

# Mex® FLAT-UNI-A2-ANTIQUE

## Decking Screw Offer

| Art. No.  | Screw Name              | Size      | Torx | Packaging |
|-----------|-------------------------|-----------|------|-----------|
| 440A2ANT  | Mex-Flat-UNI-A2-Antique | 4,0x40 mm | TX15 | 200 pcs   |
| 450A2ANT  | Mex-Flat-UNI-A2-Antique | 4,0x50 mm | TX15 | 200 pcs   |
| 460A2ANT  | Mex-Flat-UNI-A2-Antique | 4,0x60 mm | TX15 | 200 pcs   |
| 4550A2ANT | Mex-Flat-UNI-A2-Antique | 4,5x50 mm | TX20 | 200 pcs   |
| 4560A2ANT | Mex-Flat-UNI-A2-Antique | 4,5x60 mm | TX20 | 200 pcs   |
| 4570A2ANT | Mex-Flat-UNI-A2-Antique | 4,5x70 mm | TX20 | 200 pcs   |
| 545A2ANT  | Mex-Flat-UNI-A2-Antique | 5,0x45 mm | TX20 | 200 pcs   |
| 550A2ANT  | Mex-Flat-UNI-A2-Antique | 5,0x50 mm | TX20 | 200 pcs   |
| 560A2ANT  | Mex-Flat-UNI-A2-Antique | 5,0x60 mm | TX20 | 200 pcs   |
| 570A2ANT  | Mex-Flat-UNI-A2-Antique | 5,0x70 mm | TX20 | 200 pcs   |
| 580A2ANT  | Mex-Flat-UNI-A2-Antique | 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