

Mex[®] 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

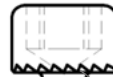
STAINLESS STEEL A2: A2 stainless steel offers good corrosion resistance in mildly aggressive environments. It is ideal for exterior use because it reliably withstands common weather conditions.

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.



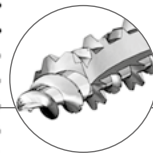
TORX DRIVE: Transfers higher torque



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-ANTIQUÉ

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).



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



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



- ✓ Thermowood Pine
- ✓ Thermowood Spruce



- ✓ Massaranduba
- ✓ Tatajuba
- ✓ 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-ANTIQUUE

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