



Mex[®] COMPLEX-A4

TECHNICAL DATA SHEET

Mex-Complex A4, made from austenitic stainless steel A4 is a screw specifically developed for fastening wooden components to wooden substructures.

The screw features a special countersunk head, driving threads, a Torx profile, and many other advantages.

Description and Benefits of the Mex-Complex A4

TORX PROFILE: Transmits greater torque

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

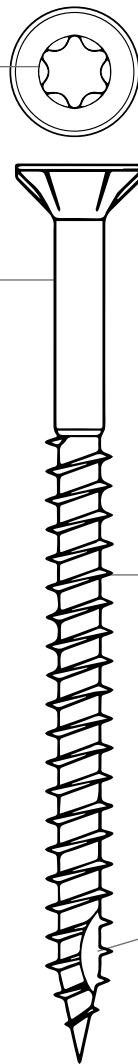
STAINLESS STEEL

A4: Excellent corrosion resistance, ideal for outdoor use in woods with high tannin content

+ PASSIVATION

PROTECTION: Enhances corrosion resistance

SUITABLE USE: Decking, facades, outdoor furniture, and construction of medium-hardwood with high tannin content, as well as for thermowood and softwood species



COUNTERSUNK HEAD:

The specially designed countersunk head provides an aesthetically pleasing, unobtrusive appearance when countersunk into wood

DRIVING THREAD:

Allows quick screwing of wooden components to wooden substructures

TIP: Equipped with a notch for easier screwing

Mex® COMPLEX-A4

Material Description – Stainless Steel A4

- ✓ Suitable for wood with a high tannin content, such as Bukit, Teak, Oak, etc., as well as for thermowood and softwood species
- ✓ **Surface treatment by passivation** increases corrosion protection
- ✓ Suitable for saline environments
- ✓ Acid-resistant under certain conditions
- ✓ Can be used in service classes 1, 2, and 3 (ČSN EN 1995-1-1)
- ✓ Suitable for chlorinated environments to a limited extent



SOFTWOOD & MEDIUM-HARDWOOD APPLICATIONS



GOOD RESISTANCE IN SALINE ENVIRONMENTS



CLADDING APPLICATIONS



GENERAL USE FOR WOOD CONSTRUCTIONS



APPLICATION IN AREA OF INDOOR POOLS



ACID RESISTANCE



Mex-Complex A4 is intended for:



Softwood species

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



Thermowood

- ✓ Thermowood Pine
- ✓ Thermowood Ash
- ✓ Thermowood Spruce



Medium-hardwood species – with high tannin content

- ✓ Dark Red Meranti - Bukit
- ✓ Teak
- ✓ Oak

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.

Facade Screw Offer

Art. No.	Screw Name	Size	Torx	Packaging
4550A4COM	Mex-Complex-A4	4,5x50 mm	TX20	200 pcs
4560A4COM	Mex-Complex-A4	4,5x60 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