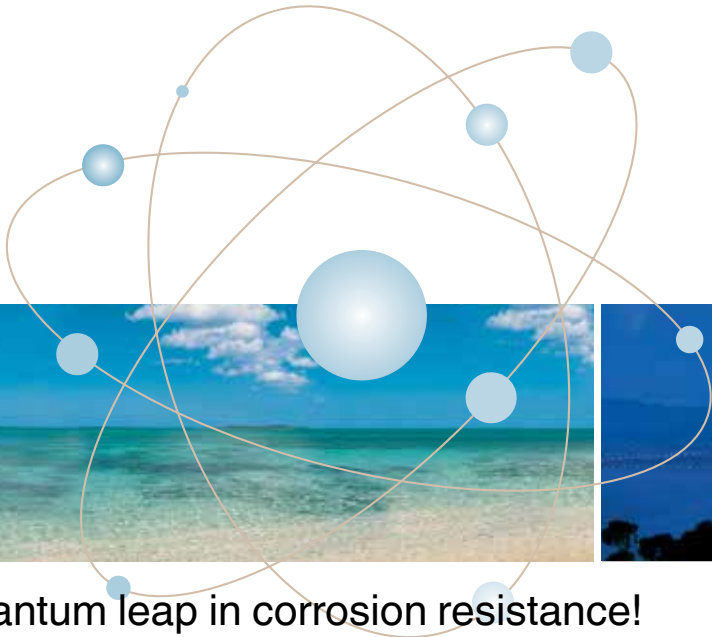


TECHNOLOGY IN MOTION



MACO TRICOAT-PLUS FITTINGS



A quantum leap in corrosion resistance!

SURFACE FINISH

**MACO
TRICOAT-PLUS**



Premature corrosion of the fitting can be triggered by various environmental influences. Since 2006, MACO has been offering the option to avoid corrosion in the long term with TRICOAT fittings. Through continuous development in the field of corrosion resistance, we are now able to introduce you to our improved solution.

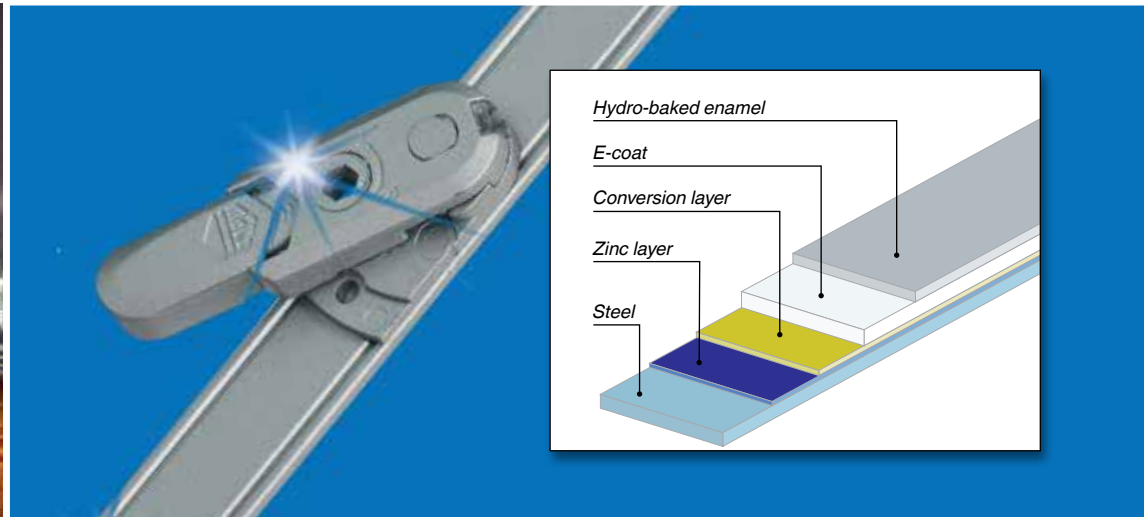


**MACO TRICOAT-PLUS HARDWARE—
Rust will run a mile**

**MACO
TRICOAT-PLUS**



Consistent everywhere where contaminant demands it!



The following tests are undertaken in order to ensure consistently high quality

- Salt spray test
- Outdoor exposure test
- Cross-cut test
- Movement and durability testing

The revolutionary **MACO TRICOAT-PLUS** fittings offer excellent properties for use in areas with salty air, but also where increased chemical exposure may occur.

Excellent values have been achieved in the salt spray test according to EN ISO 9227. In addition, **MACO TRICOAT-PLUS** fittings offer high resistance to chemical attack from acids and alkalis.

Ultimate corrosion resistance based on an environmentally friendly processes

The quality of the **MACO TRICOAT-PLUS** hardware is well above the requirements of Class 5 in accordance with EN 1670:2008. **MACO** guarantees this with the 15 year **TRICOAT-PLUS** surface guarantee for the use of **MACO TRICOAT-PLUS** fittings. With its innovative **TRICOAT-PLUS** surface coating process, **MACO** is the only hardware manufacturer that offers a full range of highly corrosion-resistant products. As with the **MACO** silver-look surface finish, this is an exceptionally environmentally friendly process based on water-soluble varnishes.

MACO TRICOAT PLUS hardware has been specially developed for applications that require enhanced corrosion protection. The special feature of **MACO TRICOAT PLUS** hardware is that an organic top coat ('MKS' micro corrosion protection system) is applied on top of the electrogalvanised surface of the silver-look hardware. This coating system enables **MACO TRICOAT PLUS** hardware to achieve a very high level of chemical resistance and as a result, is far superior to electrogalvanised hardware with regard to corrosion.

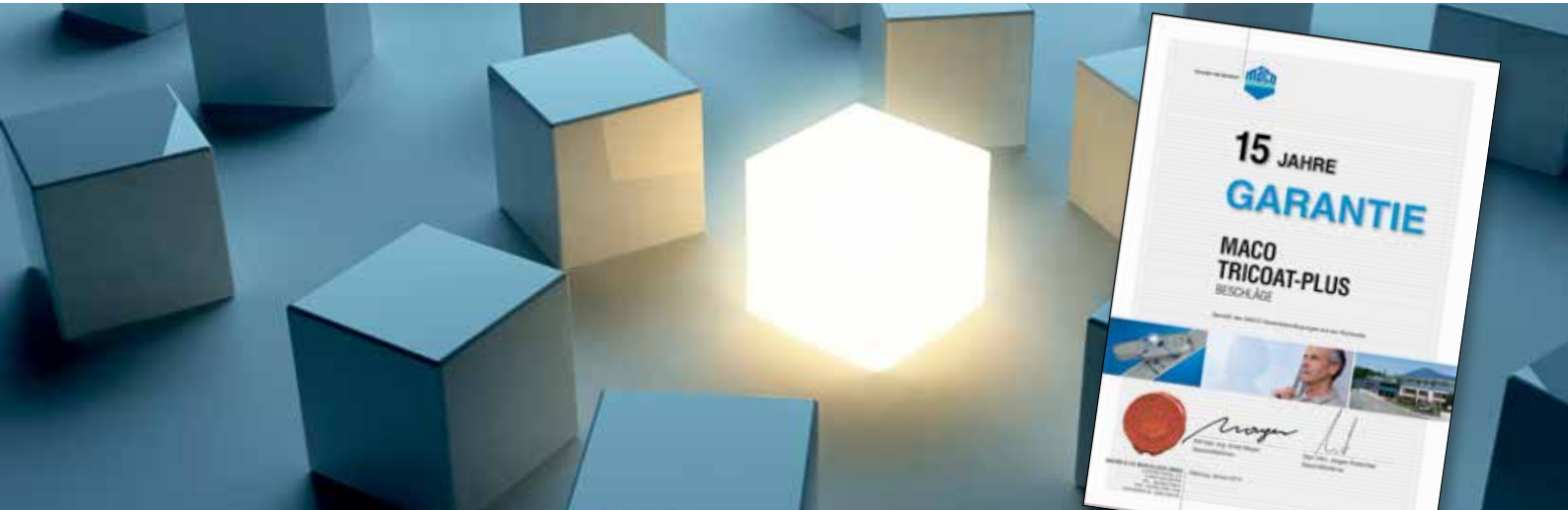
Possible application areas

- Coastal applications with high levels of saline air concentration
- Industrially congested areas
- Construction projects subjected to sustained chlorine vapours such as indoor swimming pools
- Construction projects subjected to strong ammonia vapours, such as stables
- Food processing companies, such as butcher's shops and cheese dairies
- Damp rooms, laundry rooms, cellars etc.
- Timber containing high levels of tannic acid, such as oak or timber containing acetic acid as is the case with Accoya®, etc.

**MACO
TRICOAT-PLUS**



Can you distinguish yourself from the competition?



Unrivalled differentiation!

- Increase the value of your window and door systems with **MACO TRICOAT-PLUS** hardware
- The difference in your window and door system lies in the **MACO TRICOAT-PLUS** fittings
- Exclusive **MACO TRICOAT-PLUS** fittings are available from MACO as complete solutions for all window and door systems
- Unique solution – distinguishing your windows both aesthetically and qualitatively from the competition.

What colours are available for MACO TRICOAT-PLUS fittings?

TRICOAT-PLUS is available exclusively in a light shade of grey (metallic light grey). This colour provides an aesthetic upgrade for all window and door elements.

Fabricator benefits

- Differentiating characteristics
- Unrivalled aesthetics
- Durability under extreme conditions
- Ultimate corrosion resistance
- No corrosion during construction phase compared to galvanic zinc plating
- Solutions for problematic application areas
- Standard range in stock
- Processing and maintenance such as MACO silver-look
- Proven quality through tests such as: salt spray tests in accordance with EN ISO 9227, weathering tests, etc.
- 15 year surface-finish guarantee for use of **MACO TRICOAT-PLUS** hardware
- 10 year surface-finish guarantee for use of **MACO TRICOAT-PLUS** hardware in Accoya®- and oak.
- Available for MACO MULTI-MATIC turn and T&T hardware, MACO PROTECT door locks, MACO RAIL-SYSTEMS lift & slide hardware, MACO ESPAGS espagnolettes

MAYER & CO BESCHLÄGE GMBH

ALPENSTRASSE 173
A-5020 SALZBURG
TEL +43 662 6196-0
FAX +43 662 6196-1449
maco@maco.at
www.maco.at

MACO DOOR & WINDOW HARDWARE (U.K.) LTD

CASTLE ROAD EUROLINK
IND CENTRE SITTINGBOURNE
KENT. ME10 3LY
TEL +44 1795 433900
FAX +44 1795 433902
enquiry@macouk.net
www.macouk.net

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