



TECHNOLOGY IN MOTION



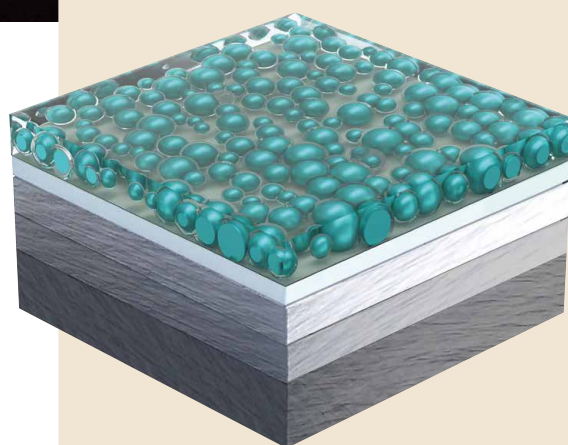
## MACO Tricoat-Evo

### PREMIUM SURFACE FOR EXTREME APPLICATIONS

Whether it's in buildings close to the coast or in regions with high levels of pollution, our hardware is used in windows and doors all over the world, and therefore has to withstand a wide range of environmental and climatic conditions.

MACO has developed a new, one-of-a-kind coating for the highest demands, which is uniquely robust and has unmatched corrosion resistance. It is also self-healing and allows for very smooth operation.

**Raise the curtain for MACO Tricoat-Evo!**



# Four layers that have it all

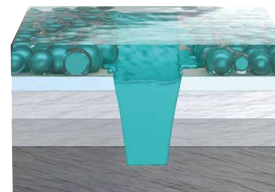
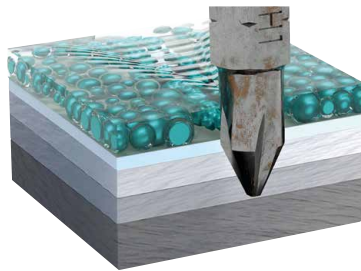
## Self-healing rust resistance

Human skin has a remarkable characteristic – it detects minor injuries and heals them autonomously. MACO has now transferred this intelligence to the protective surface layer of its products, thanks to the tribological sealing with nanocapsules.

Here, nanocapsules act as containers for lubricants and anti-corrosion substances. Under mechanical stress, they burst and the contained substances lubricate the surface or repair damage. Completely autonomously. Extremely effective!

### The Evo-Effect

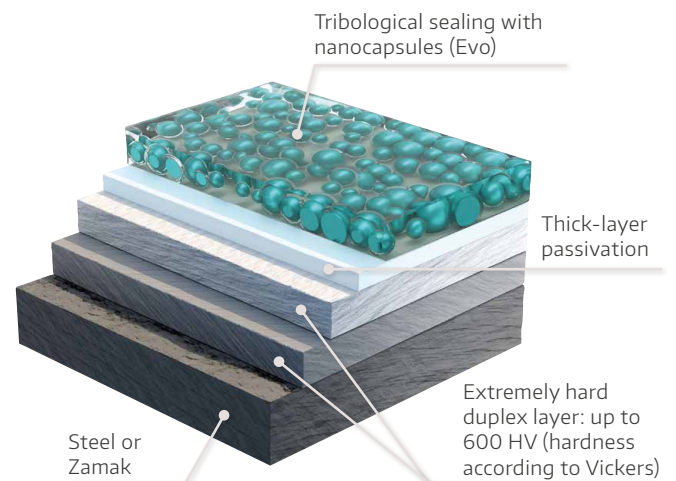
If the surface is damaged, for example during hardware fitting by a cordless drill ...



... the substances contained in the nanocapsules repair the resulting scratches and restore corrosion protection.

## Multi-layered

The underlying duplex layer adds further positive properties, as it ensures the extreme hardness, abrasion resistance and thus long service life of our hardware. Rust has virtually no chance of eating through these four layers. Thanks to the low layer thickness and the new self-lubrication, the hardware still remains very smooth.



## Unique in the world

- › **Maximum corrosion resistance:** 2,000 h according to EN 1670
- › **For extreme applications,** e.g. in coastal or industrial urban centres
- › **Self-healing & self-lubricating:** thanks to substances contained in nanocapsules
- › **Extraordinarily abrasion-resistant:** long service life
- › **Even more resistant** to mechanical stress
- › **Very smooth operation:** low layer thickness prevents clamping
- › **Universal:** available for the entire MACO product range
- › **Modern look:** high-quality stainless steel design
- › **Quality leader:** thanks to decades of experience in surface finishing

Only  
available from  
MACO

15 year  
surface  
warranty\*

\*According to the respective valid warranty conditions available at: [maco.eu/downloads](https://www.maco.eu/downloads)



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