

Cleaning, degreasing, corrosion protection and paint adhesion in 1 simple process step



Multi-purpose |

As a substitute for solvents and to improve corrosion protection and paint adhesion



Multi-metal |

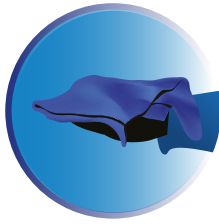
Can be used on steel, galvanised steel, aluminium, magnesium and stainless steel



Quality |

Meets the highest international standards

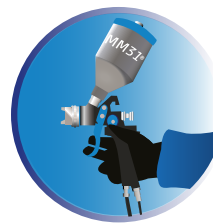
MM31® application possibilities



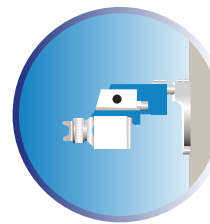
Cloth



Low-pressure pump



Hand-held spray gun with flow cup



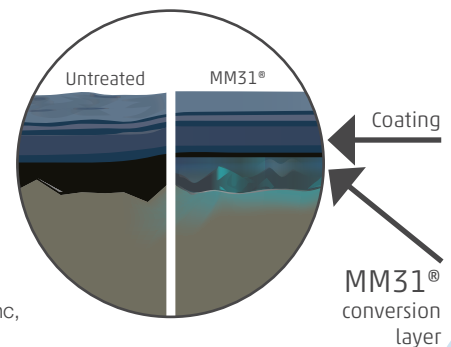
Automatic



Spray can

Benefits

- Water-based and free of Hazard Symbols.
- 1 product for both cleaning/degreasing and applying a chemical pretreatment.
- Multi-metal: MM31® can be applied on steel, galvanised steel, aluminium, magnesium and stainless steel, amongst others.
- The conversion layer applied with MM31® improves adhesion of powder coating or wet paint and increases the corrosion protection properties.
- Flash rust resistance on steel products, white rust protection on zinc, improved bare metal corrosion resistance on aluminium.
- Allows extended storage prior to coating.
- Chemical pretreatment applied in one process step. MM31® is a simple process without the need for heated baths and the use of heavy chemicals.
- Results are similar or better than the requirements of international quality standards such as FROSIO, NACE, GSB, Qualicoat and Qualisteelcoat.
- Replace solvents in the business process with a user-friendly and non-aggressive chemical.



MM31® test results



Aluminium | single-layer powder coating
| 1008 h ASST



Aluminium | Epoxy + top coat
| 1008 h ASST

MM31[®] standard procedure



Step 1
Mechanical
pretreatment



Step 2
MM31[®]
Conversion
coating



Step 3
Dry



Step 4
Coat

MM31[®] procedure for heavily contaminated surfaces



Step 1
MM31[®]
Cleaning |
Degreasing



Step 2
Remove
excess



Step 3
Mechanical
pretreatment



Step 4
MM31[®]
Conversion
coating



Step 5
Dry



Step 6
Coat

MM31[®] procedure chemical pretreatment



Step 1
Starter MM



Step 2
Rinse



Step 3
MM31[®]
Conversion
coating



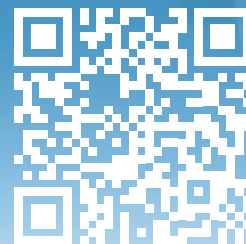
Step 4
Dry



Step 5
Coat



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