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Product Information

KELATE®MR138

Reactive conversion coat for steel with barrier function

BENEFITS

⇒ Penetrates the steel surface after removal of loose rust.
⇒ Neutralises, stabilises and transforms iron oxides into a water insoluble metallo-organic complex.
⇒ Combines an electrochemical function to a physical barrier function.
⇒ Adhesion promoter for subsequent metal coating systems, including fillers.
⇒ VOC-free temporary protection of steel due to its barrier properties.

HOW TO USE



Remove dirt, grease, oil, paint and wax residues.
Thorough scraping, wire brushing, machine brushing, grinding, sanding to preparation grade CSt2-DSt2 ISO 8501-1:2007.
Soluble salts and other contaminants are washed down with fresh mater.



Stiff brush or roller: 1 single application without excess.
Coverage: 15-20 sq.m / litre.



Air spray application:
Nozzle orifice mm 1.3-1.5
Nozzle pressure bar 3-4



Application conditions outdoor/indoor:
Temperature: 5°C – 35°C



Drying time: 3 hours.
The surface turns completely blue-black.
After minimum 3 hours putties and/or metal protective paints can be applied.

SYSTEM INFORMATION

⇒ Colour: grey-blue turning blue-black after reaction with iron oxides.
⇒ Cleaning of tools: fresh water
⇒ Shelf life: 1 year – protected from freezing, away from sun.
⇒ Storage temperature: minimum +5°C - maximum +35°C in plastic container only.
⇒ Protect from freezing and bright sunshine.

The information in this data sheet is based upon laboratory tests we believe to be accurate and is intended for guidance only. All recommendations or suggestions relating to the use of the products are based on data which to the best of our knowledge are reliable. The products and information are designed for users having the requisite knowledge and industrial skills and it is the end-user's responsibility to determine the suitability of the product for its intended use.

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