PRODUCT INFORMATION

KELATE®MR6D
Instructions for use

We recommend that companies distributing rust stabilisers based on KELATE® MR6D mention on their labels and in their literature the following points governing proper use of KELATE®MR6D :

Surface preparation:

Apply KELATE®MR6D on a rusted surface which is clean. Remove oil and grease before brushing.
Loose rust and mill scale are removed by metallic brush, abrasive disk or paper.
This surface corresponds with grades CSt2-DSt2 of the Standards SIS SS 055900 for painting steel surfaces.
In heavy industrial and marine atmospheres, rust always contains soluble salts; these surfaces must be washed down with clear water before KELATE®MR6D treatment.

Application:

Ready to use. Apply only on rusted surfaces.
One single application without excess is enough. Use preferably a stiff brush to assist penetration into the rust. Avoid the product to run off over the surface.
Application by roller or pneumatic spray is acceptable.
Temperature range for application : 5-35°C.
For application in bright sunshine on hot surfaces above 40°C, please refer to our technical service. A special formula, KELATE®MR80, is available for this type of application.
KELATE®MR6D treatment can be carried out on humid surfaces.
Average coverage: 20 m²/litre

Paint system:

KELATE®MR6D is not a paint. For long-term protection, the treated surface must be protected by a suitable paint system. Painting should be carried out preferably within 48 hours after application of KELATE®MR6D.
Paint must not be applied on KELATE®MR6D while it is reacting with the rust. The reaction time is 3 hours and is characterized by the surface turning a blue-black colour.
Remove by rinsing with water or methylated spirit KELATE®MR6 which has been splashed outside the surface to treat.
Most metal protective paints can be used over KELATE®MR6 and we recommend :

For industrial maintenance: alkyd systems, modified alkyds, epoxies, urethanes, and vinyl's
For car body touch up: Alkyd ("synthetics"), nitrocellulose, acrylics and urethanes.
For steel protection in the building industry and do it yourself : alkyd systems.

Types of paints and the number of coats needed will be determined by the aggressiveness of the environment.

Recommendations:

Precautions should be taken to avoid by sudden shower the possible staining of concrete surfaces adjacent to treated areas (masking with paper or plastic, etc.).
Stains which may develop on surfaces or hands may be removed with a 1% solution of sodium hypochlorite (household bleach diluted with 4 times its volumes of water).
KELATE®MR6D has an acid pH and usual handling precautions (goggles, rubber gloves, etc.) should be taken.
If KELATE®MR6D is splashed into the eye it should be rinsed immediately with a 1 % solution of sodium bicarbonate.
KELATE®MR6D should not be swallowed. Thus keep out of reach of children.
Avoid contact with skin and eyes.

For storage and application of KELATE®MR6D use plastic containers only.
Wash equipment with water after use.

KELATE®MR6D may be stored for more than one year without deterioration.

Recommended labelling:

Prepare. Remove oil and grease before brushing. Loose rust and mill scale are removed by metallic brush, abrasive disk or paper. Cover non rusted areas.
Apply only on rusted surfaces.
One single application without excess Use brush or roll. Apply between 5 and 35°C. Reaction time is 3 hours and is characterized by the surface turning a blue-black colour.
Paint over after min 3 hours and within 48 hours with solvent based paint. Wash equipment with water after use.
Note: Is not a paint. Immediately wash off any non rusted surface with water. Store in plastic containers. Avoid contact with skin and eyes.

Pugh&Co International sa/nv Business Park Jaurdinia - Unit 69 - Rue des Sablières 45/69 - BE 1435 Mont-St-Guibert – Belgium
✆ +32 10 39 77 20 · www.pugh.be · info@pugh.be · TVA/BTW BE 0403 086 171