

Primer 1

SINGLE COMPONENT PRIMER

DESCRIPTION

Primer 1 is single component grey primer consisting Zinc-Oxide pigmentation provides the elastomer/metal bonding with excellent protection against water and corrosion.

APPLICATION

Primer 1 is recommended to use as a metal primer for steel equipments for elastomer/rubber lining. It can be used in various equipments in various temperature ranges. You can consult our general supervisor for details.

Grit blasting of SA 2 1/2 as specified in DIN EN ISO 12944-4 and a roughness grade “medium (G)” as specified in DIN EN ISO 8503-1 must be achieved; minimum surface roughness $R_z = 50 \mu\text{m}$. After blasting, the formation of new rust must be prevented by suitable measures, e.g. immediate application of a primer. The substrate temperature should be between 10 - 30 °C, dew point distance min. 5 K. Relative air humidity $\leq 60 \%$.

For stainless steel and grey cast iron, the single-component Primer 1 can be applied by spraying or brush for the recommended thickness of approximately 10-25 microns (approximately 0,15 kg/m²). For brush application there is no need for dilution. Use 20% MEK or toluene for dipping application. Use 30-50% MEK or toluene for spray application.

USAGE

- FGD Units
- Evaporator tanks
- Chemical areas
- Washing units
- Storage tanks
- Various equipments

PROPERTIES

- Excellent bonding
- Excellent corrosion protection
- Resistant to water, oil, gas
- Dirt-proof and hygienic
- Suitable for steel
- Available in grey color

All data mentioned on this technical data sheet are product descriptions. They are the result of general experience and experiments and don't take any specific application into account. No further demands may be derived from these data.

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TECHNICAL PROPERTIES

Description	Value
Color	Grey
Flash point	17°C
Volume Solids	%25 ± 4
Density	0,940 - 0,980 ± gr/cm ³ (ISO 1183-1)
Viscosity	24 - 28
Shelf Life	2 years

TRANSPORT AND STORAGE

Material should be stored in dry, shaded conditions away from sources of heat and ignition. Shelf life is 24 months minimum at 25°C. Subject to re-inspection thereafter.

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