

RUBBER LINING ADHESIVE

DESCRIPTION

2030 Adhesive AD is single component adhesive provides the rubber lining bonding with excellent protection against water and corrosion.

APPLICATION

2030 Adhesive AD is recommended to use as a bonding adhesive for steel equipments or rubber materials 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 and the single-component Primer 2 are applied instead of the pre-coat compound. Spread the pre-coat compound on the substrate and then apply the 2030 Adhesive AD. To avoid condensation, the rubber sheet and adhesive must never be colder than the ambient temperature at the coating location. Particular attention should be paid when the weather changes from cold to warm and humid. If the relative humidity is above 70 %, condensate may also form when the adhesive is applied.

Remedy: Heat up the rubber sheets above ambient temperature prior to application of the adhesive and use air dryers. The adhesive is applied twice to the substrate and once to the rubber sheet. The adhesive must be applied evenly on all substrates. Avoid accumulations. Consumption is approx. 0,33 kg/m² per application per layer. Total consumption is approx. 1 kg/m².

After application, the following waiting times must be followed at average 15°C temperature:

Layer	Application	Minimum	Maximum
1. Application	Substrate	45 minutes	24 hours
2. Application	Substrate	45 minutes	1 hours
1. Application	Rubber	20 minutes	1 hours

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	Black, Brown, White
Volume Solids	%100
Density	1,4 - 1,5 ± gr/cm ³ (ISO 1183-1)
Shelf Life	1 years

USAGE

- FGD Units
- Evaporator tanks
- Chemical areas

PROPERTIES

- Excellent adhesion properties
- Excellent corrosion protection
- Resistant to various chemicals
- Resistant to high temperatures
- Suitable for steel and rubber
- Available in grey color

TRANSPORT AND STORAGE

Material should be stored in dry, shaded conditions away from sources of heat and ignition. Shelf life is 12 months minimum at 25°C. Subject to re-inspection thereafter.

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