CODE

50075 CORADUR

DESCRIPTION

A two-component, semi-gloss topcoat based on acrylic polyurethane resin, cured with an aliphatic isocyanate. Its high colour stability and UV resistance ensure long-lasting gloss and colour retention. It adheres strongly to the substrate; special additives provide easy flow and levelling.

USES

- Steel Structures and Storage Tanks
- Machinery and Equipment
- Industrial Facilities
- Maintenance Coatings
- General Metal Surfaces

COLOUR

RAL Colours and Company-Specific Colours

PRODUCT DATA

Gloss	40 – 60 GU
Volume Solids %	75 ± 3
Density	1,30 ± 0,1
Theoretical Coverage (m² / kg)	11,50

MIXING DATA

Hardener Code	52175
Mixing Ratio (by Weight)	8 / 1
Thinner	Polyurethane Thinner
Thinning Ratio (by Weight)	% 0 – 20
Pot Life	3 hours

Note: The thinning ratio varies with the application equipment, required dry film thickness, etc. Using a thinner other than the recommended thinner may cause problems with viscosity, dry spray, drying, pot life, etc. Compliance with the specified mixing values directly affects product performance. Mix the product with an explosion-proof mechanical mixer until homogeneous. The product temperature must not be below 15 °C to obtain a homogeneous mixture. Allow the mixed paint to stand for min. 10 minutes before application. Use the mixed paint before the specified pot life expires.

DRYING DATA

	5 °C	20 °C	60 °C
Dust Dry	2 – 3 hours	50 – 80 min.	-
Touch Dry	4 – 6 hours	2 – 4 hours	-
Hard Dry	24 hours	12 hours	-
Full Cure		7 Days	

Note: Drying values apply at the specified dry film thickness and below %85 relative humidity. Drying time increases as the applied film thickness increases.

SURFACE PREPARATION

Application to Steel Surfaces: The surface must be free from oil, dirt and dust. If the primer was applied before the maximum topcoat application time, the surface must be abraded by sanding.

Application to Previously Painted Surfaces: Remove oil, dirt, grease and similar contaminants with a suitable cleaner; wash off salts and other contaminants with high-pressure mains water. Abrade sound previously painted surfaces using suitable roughening methods to improve adhesion. Before painting, mechanically prepare flaking and deteriorated areas back to sound paint to St 2-St 3 in accordance with ISO 8501-1. Depending on application and ambient conditions, an alternative is abrasive blast-cleaning to a minimum of Sa 2, preferably Sa 2½.

Touch-up: The surface to be touched up must be clean and dry, and free from all contaminants such as oil, dirt and dust. After abrasive blast-cleaning to Sa 2½ in accordance with ISO 8501-1, touch up with the same paint.

STORAGE

Store the product in its original packaging with the lid closed at 10–35 °C, in a dry, enclosed, ventilated area protected from direct sunlight. The day/night temperature difference during storage must not exceed 10 °C. If component A is to be stored for more than 3 months, keep the container inverted for the following 3 months. Under these conditions, the product has a shelf life of 6 months.

PACKAGING

	A Component	B Component
Fill Quantity (kg)	24	3

For professional use only. This technical data sheet is based on laboratory data; consult technical personnel for any details not sufficiently covered above. Otherwise, the manufacturer accepts no liability for errors arising from insufficient information. We reserve the right to amend this information.

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