

Technical Data Sheet

CODE

30515 CORAMASTİK

DESCRIPTION

A two-component, high-solids, mastic-consistency epoxy resin-based primer. It provides excellent adhesion to metal surfaces even where surface preparation is limited. Its high-build film offers high resistance to impact, abrasion and corrosion. Its high solids content provides a low VOC level. It adheres even to rusty or incompletely cleaned surfaces, limiting the progression of corrosion.

USES

- Steel Structures
- Refineries and Petrochemical Plants
- Storage Tanks
- Marine Structures and Shipbuilding
- Machinery and Equipment
- Industrial Facilities and Pipelines

COLOUR

Grey, White

PRODUCT DATA

Gloss	25 - 40 GU
Volume Solids %	86 ± 3
Density	1,40 ± 0,1
Theoretical Coverage (m ² / kg)	12,30

MIXING DATA

Hardener Code	32515
Mixing Ratio (by Weight)	8 / 1
Thinner	Epoxy Thinner
Thinning Ratio (by Weight)	% 0 – 20

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	4 – 6 hours	1 – 2 hours	-
Touch Dry	8 – 12 hours	4 – 6 hours	-
Hard Dry	24 hours	8 – 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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