CODE

20515 CORACRYL PRIMER

DESCRIPTION

A two-component acrylic primer based on acrylic resin and cured with aliphatic isocyanate. Its excellent adhesion provides a strong bond to metal, plastic and composite surfaces. It is easy to sand, creating a smooth surface for topcoat application. Its flexible film resists surface stress without cracking. Its good filling power makes it an ideal primer coat for durable coating systems.

AREAS OF USE

- Agricultural machinery and equipment
- Vehicle-mounted equipment
- Machinery and equipment
- General metal surfaces
- General composite surfaces

COLOR

White, Grey

PRODUCT PROPERTIES

Gloss	50 – 70 GU
Volume solids	58 ± 3 %
Density	1,20 ± 0,1
Theoretical coverage	9,70 m² / kg

MIXING INFORMATION

Hardener code	201515
Mixing ratio (by weight)	4 / 1
Thinner	Acrylic Thinner
Thinning ratio (by weight)	% 0 – 20

Note: The thinning ratio varies with the application equipment, required dry film thickness, etc. Use of a thinner other than the recommended one may cause viscosity, dry spray, drying and pot-life problems. Following the stated mixing values directly affects product performance. Mix mechanically with an explosion-proof mixer until homogeneous. Product temperature must be at least 15 °C for a homogeneous mix. Allow the mixed paint to stand for at least 10 minutes before application. Use the mixed paint within its stated pot life.

DRYING INFORMATION

	5 °C	20 °C	60 °C
Dust dry	1 – 2 hr	30 – 60 min	-
Touch dry	4 – 6 hr	2 – 4 hr	-
Hard dry	24 hr	6 – 8 hr	1 hr
Full cure		7 days	

Note: Drying times apply at the specified dry film thickness and below 85% relative humidity. Thicker application increases drying time.

SURFACE PREPARATION

Steel surfaces: The surface must be free of oil, dirt and dust. If the primer is applied before the maximum topcoat interval, abrade the surface by sanding.

Previously painted surfaces: Remove oil, dirt, grease and similar contaminants from previously painted surfaces with a suitable cleaner; wash off salts and other contaminants with high-pressure mains water. Abrade sound existing paint using a suitable roughening method to improve adhesion. Before painting, mechanically remove 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 to abrade to at least Sa 2, preferably Sa 2½.

Touch-up: The area to be touched up must be clean and dry, and free of oil, dirt, dust and other contaminants. After abrasion to Sa 2½ in accordance with ISO 8501-1, touch-up can be carried out with the same paint.

STORAGE

Store in the original, tightly closed container at 10–35 °C in a dry, enclosed, ventilated place protected from direct sunlight. The day-to-night temperature difference during storage must not exceed 10 °C. If Component A is stored for longer than 3 months, turn the container upside down during the following 3 months. Shelf life under these conditions is 6 months.

PACKAGING

	A Component	B Component
Filling quantity	20	5

For professional use only. This technical data sheet is based on laboratory data. For details not sufficiently covered above, consult our technical staff. The manufacturer accepts no responsibility for errors arising from insufficient information. We reserve the right to change this information.

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