

CODE

20290 HG CORACRYL TOPCOAT

DESCRIPTION

A two-component, high-gloss topcoat based on acrylic resin and cured with aliphatic isocyanate. Its high UV resistance and color stability help it retain its gloss and color for a long time. It adheres excellently to the applied surface; its special formulation spreads easily and creates a smooth surface with high image clarity. Its dirt-repellent, easy-to-clean finish helps preserve the surface's original appearance for a long time.

AREAS OF USE

- Agricultural machinery and equipment
- Vehicle-mounted equipment
- Machinery and equipment
- Industrial facilities
- Maintenance and repair coatings
- General metal surfaces

COLOR

RAL colors and custom company colors

PROPERTIES

Gloss	Above 90 GU
Volume solids	45 ± 3 %
Density	1,10 ± 0,1
Theoretical coverage	8,20 m ² / kg

MIXING INFORMATION

Hardener code	201290
Mixing ratio (by weight)	2 / 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	12 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.

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.

SURFACE PREPARATION

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 (kg)	20	5 x 2