

COD

20292 CORACRYL FLEXSHIELD

DESCRIPTION

A highly flexible, acrylic resin-based, aliphatic isocyanate-cured, two-component high-gloss topcoat. Thanks to its flexible film structure, it provides superior resistance to impacts, vibration and substrate movement. Its high UV resistance and colour stability help it retain its gloss and colour for a long time. It adheres excellently to the applied surface; its special formulation provides easy flow and a smooth appearance with high image definition.

USAGE

- Agricultural Machinery and Equipment
- Vehicle-Mounted Equipment
- Machinery and Equipment
- General Metal Surfaces
- General Composite Surfaces

COLOR

RAL colours and company-specific colours.

PRODUCT INFORMATION

Gloss	Above 90 GU
Volume Solids %	45 ± 3%
Density	1.10 ± 0.1
Theoretical Coverage (m ² / kg)	8,20

MIXING INFORMATION

Hardener Code	201292
Mixing Ratio (By Weight)	2 / 1
Thinner	Acrylic Thinner
Thinning Ratio (By Weight)	% 0 – 20

Note: The thinning ratio may vary depending on the application equipment, the desired dry-film thickness, etc. Using a thinner other than the recommended thinner may cause problems with viscosity, dry spray, drying, pot life, and similar properties. Compliance with the stated values during mixing is directly related to product performance. The product must be mixed using an Ex-proof mechanical mixer until a homogeneous mixture is obtained. To obtain a homogeneous mixture, the product temperature must not be below 15 °C. After mixing, allow the paint to stand for at least 10 minutes before application. The mixed paint must be used before the stated pot life expires.

DRYING INFORMATION

	5 °C	20 °C	60 °C
Dust Dry	1 – 2 hour	30 – 60 min.	-
Touch Dry	4 – 6 hour	2 – 4 hour	-
Hard Dry	24 hour	6 – 8 hour	1 hour
Full Cure	7 days		

Note: Drying values are valid for the specified dry film thickness and relative humidity below 85%. It should be noted that drying time increases as application thickness increases.

SURFACE PREPARATION

Steel Surface Applications: The surface must be free of oil, dirt and dust. If the primer was applied before the maximum topcoat application interval, the surface must be sanded/abraded.

Application on Previously Painted Surfaces: Oil, dirt, grease and similar contamination on previously painted surfaces must be removed with a suitable cleaner; salts and other contaminants must be washed off with high-pressure tap water. Sound previously painted surfaces should be abraded by appropriate roughening methods to improve adhesion. Before painting, flaking and weathered areas must be mechanically abraded to sound painted areas at St 2–St 3 level in accordance with ISO 8501-1. Depending on application and ambient conditions, another option is abrasive blasting to a minimum Sa 2, preferably Sa 2½ level.

Touch-up: The surface to be touched up must be clean and dry and free from all contaminants such as oil, dirt and dust. Following abrasive blasting to Sa 2½ level in accordance with ISO 8501-1, touch-up can be carried out using the same paint.

STORAGE

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

PACKAGING

	Component A	Component B
Filling Quantity	20	5 * 2

For professional use only. This technical data sheet is prepared on the basis of laboratory data; consult technical personnel for details not considered sufficient above. Otherwise, errors arising from insufficient information do not impose liability on the manufacturer. The company reserves the right to amend this information.

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