

KABEDUR Supercryl Struktur

Data Sheet 2241 / Version 08 / 04.2024

Interior 3.3 : 1 KABEDUR curing agent 5300 3 : 1 PU curing agent 5370

General description

Product	KABEDUR Supercryl Struktur is a 2K PU strukture paint boasting exceptional qualities. It is distinguished by its extremely good resistance to stamping, scoring, machine oil and other chemicals.
Resin	Acrylate/Polyisocyanate
Pigmentation	Organic and inorganic pigments
Usage	Mechanical engineering, plant manufacturing, steel structures, anticorrosion protection, painting contractors
Properties	<ul style="list-style-type: none">– Very good resistance to chemicals– Exceptional resistance to scoring, stamping and machine oil– Very quick drying– Robust surface– Wide range of structural options– Good direct adhesion to various metals
Degree of gloss	Silk gloss (art. 13154), silk matt (art. 13103)
Colors shade	RAL, NCS S, according to pattern
Container	1 kg, 5 kg, 10 kg, 20 kg
Storage	Store in a cool, dry location in well sealed containers. Pay attention to "Use by" date on label.

Processing notes

Mixing rate	3.3 :1 with KABEDUR curing agent 5300 (art. 13123) or 3 :1 with KABEDUR curing agent 5370 (art. 10481)		
Thinning	3 – 20% PU thinner 5320 (art. 10530)		
	The use of other thinners may lead to impaired results and reduced quality.		
Pot life	Approx. 2 hrs		
Application	Conventional spraying		
Air - drying	Touch-dry: approx. 60 min	Tack-free: approx. 4 hrs	Dry-to-handle: approx. 8 hrs
	Recoatable: approx. 6 hrs	Load-bearing: approx. 5 days	
Forced drying	Flashing off: approx. 30 min		
	Drying: approx. 60 min at 60°C or 45 min at 80°C		
Dry coating thickness	60 - 100 µm		
Consumption	Theoretical: 200 g/m ² with 80 µm dry film		
	Practical: 270 g/m ²		
EU Directive 2004/42/EG	This product does not meet the VOC limit values of Directive 2004/42/EG, and must not be used in corresponding applications.		
Processing temperature	Not less than +5°C. In order to prevent the build-up of condensation during coating, the surface temperature must be at least 3°C above the dew point.		

Cleaning of equipment	Immediately after use with universal thinner 5119 (art. 10516)
Special notes	DIN EN ISO 12944 is a binding requirement as regards anticorrosion protection.

Recommended method

Substrate	Steel, aluminium, zinc
Pre-treatment	The substrate must be clean, dry, and free from grease, oil and dust. Welded locations must be thoroughly cleaned and any weld scale removed. Thoroughly degrease, abrade, irradiate to Sa 2.5 according to ISO 8501-1, sweep, phosphatize, chromatize.
Primers	– POLYAMOL Primer Plus – POLYAMOL Primer Eco

Technical details

Density	Approx. 1.10 – 1.30 g/cm ³	
Solids	Approx. 70 - 72% weight	Approx. 58 - 60% volume
Flashpoint	KABEDUR Supercryl Struktur	> 21°C
	Kabedur curing agent 5300	> 21°C
	PU curing agent 5370	> 21°C

Safety data

Safety measures	Refer to the indications on the labels and safety data sheets. The requirements of the SUVA, the Council for accident prevention, have to be respected. Contains flammable solvents and must be kept away from sources of ignition.
Waste disposal	Opened containers, residues or expired material can be brought in particular collection points. The legal guidelines DETEC on the list of waste transport (LVA) in Switzerland, and the European Waste Catalogue (EWC), must be observed.
KABE Recycling	Empty containers and old paints can be returned to KABE in Gossau. Ask for our detailed information brochures.
General information	The information on this technical data sheet relative to the properties and application of the product concerned are made on hand of our knowledge, development and practical experience. Because of the multiple possible applications, it is impossible for us to present them all in detail. Our technical consultants are at your disposal for any question you might have. Furthermore, our general sales and delivery conditions apply.

This technical data sheet is revised periodically. If necessary, our sales department will confirm the validity of this document.