

KABEDUR Lux

4 : 1 PU curing agent 5370 | exterior & interior

Data Sheet 2315 / Version 10 / 11.2022

General description

Product	<p>KABEDUR Lux is a quick-drying 2-component PU lacquer with excellent properties. It distinguishes itself by very good weather-proof properties and it was developed to paint a wide range of metal parts for the exterior.</p> <p>This product is available in silk gloss also from our automatic paint mix machines EUROmix.</p>
Resin	Acrylate / aliphatic polyisocyanate
Pigmentation	Organic and inorganic pigments
Usage	Machine construction, plant construction, steel construction, anti-corrosion protection, industrial paint plants
Properties	<ul style="list-style-type: none">– Prime weather-proof qualities– Tough-elastic– Quick drying– No yellowing– Good resistance to scratches and chips– Very economical
Degree of gloss	gloss (art. 14427), silk gloss (art. 14428), silk matt (art. 14429)
Colors shade	RAL, NCS S, according to pattern
Container	1 kg, 4 kg, 8 kg, 16 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	<p>by weight: 4 : 1 with PU curing agent 5370 (art. 10481)</p> <p>For faster curing, may also be used with PU hardener 5400 Rapid (art. 13937). The degree of gloss can be reduced as a result.</p>
Thinning	10 – 30% PU thinner 5320 (art. 10530) or PU thinner 5700 Rapid (art. 14018) for the conventional application. The use of other thinners may lead to impaired results and reduced quality.
Pot life	Approx. 6 hrs with PU hardener 5370 or 2 hrs with PU hardener 5400
Application	High pressure (flow or suction cup, pressure tank, pneumatic pump), suitable for ESTA
Air-drying	Touch-dry: approx. 45 min Tack-free: approx. 4 hrs dry-to-handle: approx. 8 hrs Recoatable: approx. 8 hrs Load-bearing: approx. 5 days
Forced drying	Flashing off: approx. 30 min Drying: approx. 60 min at 60°C or approx. 45 min at 80°C
Dry coating thickness	50 – 60 µm
Consumption	Theoretical: 100 g/m ² with 45 µm dry film Practical: 170 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. Gloss is easy to polish.

Recommended method

Substrate	Steel, aluminium, zinc, wood and derived timber product (interior only)
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 2½, according to ISO 8501 resp. DIN 55 928, sweep, phosphatize, chromatize.
Primers	<div> <div>– REAKTIONSGRUND</div> <div>– SYNTOPRIMER</div> </div> <div> <div>– POLYAMOL Primer Plus</div> <div>– KABEDUR Woodfiller (interior)</div> </div> <div> <div>– KABEDUR Grundierfüller</div> </div>

Technical details

Density	Approx. 1.10 – 1.25 g/cm³
Solids	Approx. 65 – 67% weight approx. 50 – 52% volume
Flashpoint	<div>KABEDUR Lux > 21°C</div> <div>PU curing agent 5370 > 21°C</div> <div>PU curing agent 5400 Rapid > 21°C</div>

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 in this data sheet on the properties and application of the products mentioned is given to the best of our knowledge based on our development work and practical experience. Due to the versatility of the application possibilities, it is not possible to present all details. In case of doubt, our application engineers are available for information. In all other respects, the general conditions of sale and delivery apply. This leaflet is revised periodically. In case of doubt, our sales department will inform you about the validity of this document.