

KABESILON

Heat-resistant | interior

Data Sheet 2457 / Version 07 / 08.2024

General description

Product	KABESILON is a special heat resistant paint for coating different interior goods, exposed to very high temperatures.
Resin	Special polymerisate
Pigmentation	Special pigments
Usage	Fireplaces, furnaces, machines, exhaust pipes
Properties	<ul style="list-style-type: none">– Quick drying– Temperature-resistant– Easy processing– Heat-proof
Degree of gloss	Matt
Colors shade	Black (art. 10400), silver approx. RAL 9006 (art. 10405), anthracite (art. 13572), other colours (art. 13512)
Container	1kg, 5 kg, 20 kg
Storage	Store in a cool, dry location in well sealed containers. Pay attention to "Use by" date on label.

Processing notes

Thinning	<p>If necessary, the spray viscosity can be corrected somewhat with a little adjunction of universal thinner 5119 (art. 10516).</p> <p>The use of other thinners may lead to impaired results and reduced quality.</p>
Application	high pressure (flow- or suction cup, pressure tank, pneumatic pump)
Air - drying	Touch-dry: approx. 5 min Tack-free: approx. 30 min Dry-to-handle: approx. 45 min Load-bearing: approx. 60 min at 180°C
Dry coating thickness	15 - 25 µm
Consumption	Theoretical: 90 g/m ² with 20 µm dry film Practical: 150 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 +10°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
Special notes	<p>DIN EN ISO 12944 is a binding requirement as regards anticorrosion protection.</p> <p>The heat resistance limit of other colours is 400°C, of black, silver and anthracite 500°C.</p>

Recommended method

Substrate	Steel
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, chromitize.

Technical details

Density	Approx. 0.90 – 1.10 g/cm ³	
Solids	Approx. 30 – 32% weight	Approx. 20 – 22% volume
Flashpoint	KABESILON	> 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.