

REAKTIONSGRUND

Data Sheet 1009 / Version 19 / 04.2024

General description

Product	REAKTIONSGRUND is a quick drying 1-component primer for iron and non-iron metals. It serves as a bonding agent on various substrates and can be over coated universally. In thicker layers quite a decent corrosion protection can be achieved.	
Resin	Polyvinyl butyral	
Pigmentation	Zincphosphate, organic and inorganic pigments	
Usage	Metal construction, plant construction, machine construction, industrial paint plants	
Properties	<ul style="list-style-type: none">- MAK value is below the limit value during welding- Falls below the pore formation according to DIN EN ISO 17652-2- Quick drying- Many recoating options- Excellent adhesion to various substrates- Very high spreading power	
Degree of gloss	Matt	
Colors shade	<ul style="list-style-type: none">- Basalt grey RAL 7012 (art. 12958)- Grey approx. RAL 7030 (art. 13185)- Lightgrey approx. RAL 7035 (art. 13264)	<ul style="list-style-type: none">- Black approx. RAL 9005 (art. 10656)- White approx. RAL 9016 (art. 10629)- Other colours on request
Container	1 kg, 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	20 – 50% universal thinner 5119 (art. 10516). Apply with paintbrush or roll 5 – 10% paint retarder 2007 (art. 10845)	
	The use of other thinners may lead to impaired results and reduced quality.	
Application	Conventional spraying, Airmix, Airless	
Air - drying	Touch-dry: approx. 10 min Max. recoat time: approx. 1 hrs	Tack-free: approx. 20 min Dry-to-handle: approx. 30 min Load-bearing: approx. 3 days
Forced drying	Flashing off: approx. 15 min Drying: approx. 30 min at 60°C or 15 min at 80°C	
Dry coating thickness	20 - 40 µm	
Consumption	Theoretical: 100 g/m ² with 30 µm dry film Practical: 130 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.

REAKTIONSGRUND applied on a galvanized surface and topcoated with a synthetic-resin varnish is not suitable for the outdoor use.

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, as required and media blast to Sa 2.5 according to ISO 8501-1, sweep, phosphatize, chromatize.

Topcoat

– SYNTOVERN – KABEDUR Topcoats
– REORAPID – POLYAMOL Topcoats

Technical details

Density

Approx. 1.00 – 1.20 g/cm³

Solids

Approx. 40 - 48% weight Approx. 32 - 38% volume

Flashpoint

REAKTIONSGRUND < 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.

