

# BRICATHERM

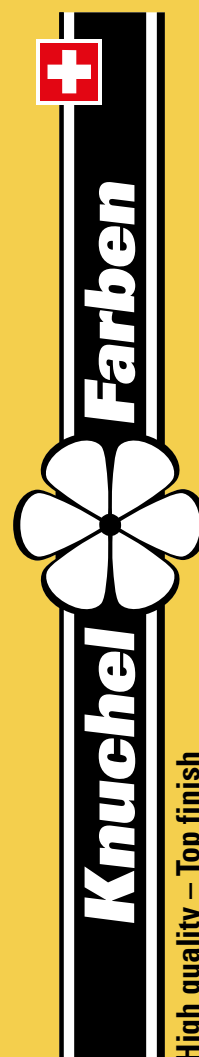
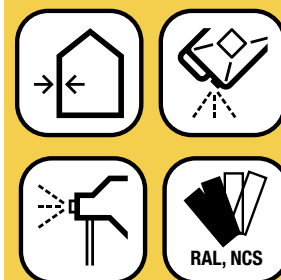
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## Silicone paint 300 °C

VFL  
Vismara Farbladen



<b>Properties</b>	BRICATHERM is a heat-resistant and rust-protective silicone paint. It achieves heat resistance up to 300 °C and has very good direct adhesion to iron and steel.
<b>Field of application</b>	Chimney construction, combustion plants, stovepipes, etc.
<b>Pretreatment</b>	The substrate must be clean, dry and free of grease. Difficult substrates such as brightly polished parts should first be dusted, mechanically roughened or chemically pre-treated. Rusty parts must be cleaned thoroughly and neutralized with DUROX rust converter. A primer with BRICAZINC zinc dust paint is recommended, also for sandblasted iron and metals.
<b>Processing</b>	BRICATHERM is applied in one or two thin layers (total 35–45 µm) directly onto the pre-treated metal without priming. Excessive layer thicknesses are detrimental to heat resistance. In order to allow the coating to solidify and to avoid too strong an odour nuisance during full commissioning, the painted objects must be baked for 60 minutes at 200 °C. If the coatings are not baked under these conditions, the coating film remains thermoplastic – i.e. the coating becomes sticky when heated only slightly.
<b>System structure</b>	1–2 x BRICATHERM silicone paint 300 °C in the desired shade
<b>Coating thickness application</b>	35–45 µm with full paint build-up.
<b>Drying</b>	After a flash-off time of 30 minutes the objects can be burnt in.
<b>Dilution</b>	Universal thinner. Adjust spray viscosity to 15–18 seconds in DIN-4 cup (depending on sprayer and nozzle size).
<b>Extensiveness</b>	8–10 m <sup>2</sup> per kg per application, depending on the quantity applied and the condition of the substrate.
<b>Application</b>	Sprayer, roller or brush (smaller areas). In order to achieve optimum results, it is very important to use the right tools – see KNUCHEL GUIDE on brush and roller qualities. You will find this guide both in the catalogue and on the homepage as an attachment to this product.
<b>Cleaning</b>	Clean tools immediately after use with universal or cleaning thinner.
<b>Delivery form</b>	Packages of 10, 5 and 1 kg.
<b>Shelf life</b>	BRICATHERM can be stored for at least 12 months in the well closed original container. Storage beyond this specified period does not necessarily mean that the goods are unusable. However, for quality assurance reasons, it is essential to check the required property values. Store in a cool and dry place.
<b>Viscosity</b>	18–22 seconds DIN 4mm
<b>Density</b>	1,10 ± 0,05 g/cm <sup>3</sup> (depending on colour)



<b>Solid content</b>	45 ± 1 % (average value, depending on the colour tone)
<b>Binder base</b>	Modified silicone resins
<b>Gloss level</b>	Silk matt
<b>Vapour diffusivity</b>	V-value according DIN EN ISO 7783-2: Class 1 (high, sD-value < 0.14 m)
<b>Water absorption</b>	W-value according DIN EN 1062-3: Class 1 (high, > 0.5 kg/(m <sup>2</sup> x h <sup>0.5</sup> ))
<b>Colours</b>	According to colour chart RAL, NCS or according to template. However, there are limits to the variety of colours. White and pastel shades are not suitable. Minimum quantity reference 5 kg.
<b>Test results</b>	BRICATHERM achieves very good adhesion in the proposed system build-up: cross-cut 0–1 (according to DIN EN ISO 2409).
<b>Registration</b>	CPID 277088
<b>Classification</b>	For information on chemical properties and hazards as well as regulations regarding transport, processing, storage, disposal, etc., please refer to the safety data sheet.
<b>Note</b>	This leaflet is only intended as a reference and non-binding advice. The processing must be adapted to the corresponding conditions. In special cases we recommend to contact our technical service. However, all data and information on the suitability and application of the delivered products do not exempt the processor from carrying out his own tests and trials. A claim for damages for omitted, incomplete or incorrect information is excluded. This applies in particular also if thinners and other products are used in the paint build-up system. Furthermore, we refer to our General Terms and Conditions (GTC) on our homepage.