

Product Description

General	Adaflex BG thix is a solvent-free 2-component epoxy resin, with good mechanical and chemical resistance. Adaflex BG thix shows excellent curing and crosslinking on mineral base surfaces and can be used for any application.
Suitability	Adaflex BG thix is easy to work with and extremely versatile, as a primer, mortar resin, casting resin and laminating resin.
Advantages	On all mineral base-surfaces, such as concrete floors, fibre cement and similar surfaces, for factory buildings, workshops, storerooms, wet and dry rooms, food-processing plants, laboratories, in power stations, in military and civil defence installations etc.

Specification

Mixing ratio	100: 45 by weight
Density of the mixture	1.07 kg / dm ³
Pot life	Approx. 30 min at 20°C
Hardening / recoatability	Walkable 20°C 12h
	Fully load resistance 20°C 7 days
	12-48h (wet in wet approx. h). If left for more than 48 hrs, the surface shall be ground to a matt finish, or if used as a primer, sprinkled with silica sand.
Colour	Transparent
Packaging	Units of 7.07 / 3.15 kg
Storage life	24 months in originally sealed containers at ambient temperature
Art. No.	Comp. A W-D9107 Comp. B W-D9108

Application	
Subsurfaces	Mineral base-surfaces shall be solid, clean and dry and grid blasted according to SA 2.5. Any cavities in the concrete should preferably be filled with Epoflex Klebmörtel. The residual humidity in the concrete should not exceed 4 %.
Structures	<p>As a primer/seal for mineral surfaces consumption: 200-600 g/m², depending on application and surface.</p> <p>As a laminating resin with suitable grades of glass mats. consumption. 3-3.5 x weight of glass mats.</p> <p>As a mortar binding agent: 10% - 16% addition to the following exemplary.</p> <p>Sand mixture: 1/3 silica sand 0.1 – 0.3 mm (or equivalent) 1/3 silica sand 0.5 – 0.75 mm 1/3 silica sand 0.8 – 1.2 mm</p>
Mixing	Add the contents of the comp.B container completely to the comp.A container and mix the combination thoroughly for 3 min. with a stirrer.
Processing	Adaflex BG thix can be rolled, spread, cast or laminated with standard tools.
Equipment needed	Hand-stirring machine or power-drill with stirrer, hot-air blower, possibly a de-humidifier.
Climatic conditions	The steel surface temperature has to be at min. 10°C and at least 3°C above the dew point at any time during application and hardening!

Safety Precautions													
Precautions to be observed	Safety measures of product specific Material Safety Data sheet apply. County-specific health and safety regulations and legislation apply.												
Liability	The information provided above is based on numerous trials and experience over many years. No liability can be accepted in relation to the use of the product described, since the results obtained depend to a large extent on the correct treatment and application of the material.												
Hazards information	<table border="0"> <tr> <td>Comp. A</td> <td></td> <td></td> </tr> <tr> <td></td> <td>Exclamation Mark</td> <td>Environment</td> </tr> <tr> <td>Comp. B</td> <td></td> <td></td> </tr> <tr> <td></td> <td>Corrosion</td> <td>Exclamation Mark</td> </tr> </table>	Comp. A				Exclamation Mark	Environment	Comp. B				Corrosion	Exclamation Mark
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Transport information	<p>Comp. A UN 3082</p> <p>Comp. B UN 2735</p>												