

Product Description

General	Adaflex BG is a solvent-free 2-component epoxy resin with good mechanical and chemical resistance. Adaflex BG shows excellent curing and crosslinking on mineral base surfaces and can be used for any application.
Suitability	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.
Advantages	Adaflex BG is easy to work with and extremely versatile, and can be used as a primer, mortar resin, casting resin and laminating resin.

Specification

Mixing ratio	100: 45 by weight
Density of the mixture	1.1 kg / dm ³
Pot life	Approx. Temp. Pot life 20 °C 30 min.
Hardening	Safe to walk on after 12 hrs at 20°C
Recoatibility	Fully load resistant after 7 days (20°C) 12-48 h (wet in wet approx. 3 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 6.9 / 3.15 kg
Storage life	24 months in original saeled containers at ambient temperature
Art. No.	Comp. A W-D0076 Comp. B W-D0077

Application	
Subsurfaces	Mineral base-surfaces shall be solid, clean and dry. Any cavities in the concrete shall preferably be filled with Klebmörtel. The residual humidity in the concrete shall not exceed 4 %.
Application	As a primer/seal for mineral surfaces. Consumption: 200-600 g/m ² . As a laminating resin with suitable grades of glass mats. Consumption. 3-3.5 times weight of glass mats. As a mortar binding agent: 10% - 16% addition to the following exemplary of sand mixture: <div style="margin-left: 40px;"> 1/3 silica sand 0.1 - 0.3 mm 1/3 silica sand 0.5 - 0.75 mm 1/3 silica sand 0.8 - 1.2 mm </div>
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 can be rolled, spread, cast, or laminated.
Equipment needed	Hand-stirring machine or power-drill with stirrer, hot-air blower, possibly a de-humidifier.
Climatic conditions	Min. 10°C base-surface temperature; during application and curing. The temperature shall be at least 3°C higher than the dew point.

Safety Precautions	
Precautions to be observed	Safety measures should be taken in accordance with the material safety data sheet. Local legal, health and safety regulations apply.
Liability	The above information is based on numerous tests and many years of experience. Liability for the application of the described product cannot be accepted as the results largely depend on the proper treatment and application of the material.
Hazards information	<div style="display: flex; justify-content: space-around; align-items: center;"> <div style="text-align: center;"> Comp. A Comp. B  Exclamation Mark </div> <div style="text-align: center;">  Corrosion </div> </div>
Transport information	Comp. A UN 3082 Comp. B UN 2735