

Technical data sheet

REPOXAL two-component glue for fibre concrete

Product description:

The REPOXAL GLUE *solvent-free* reacts due to the chemical combination with the REPOXAL HARDENER *solvent-free*. The chemical change results in a hard, water-resistant and chemical resistant glue. These properties are gained after an appropriate hardening time.

Application:

The *solvent-free* REPOXAL GLUE *two-component* is used for the waterproof sealing of MAX FRANK distance tubes. The REPOXAL GLUE is suitable for gluing both our sealing plugs and our sealing cones.

Technical data:

Product properties:	REPOXAL GLUE solvent free	REPOXAL HARDENER solvent-free
Viscosity:	thixotropic	thixotropic
Colour:	light grey	brown black
Content:	710 g	: 290 g
Mixture ratio:	Both components can be mixed in the specified volumetric ratio.	
Durability:	2 years in the closed original drum	

Application instructions:

Both components must be mixed well so that no dark streaks are visible.

Pot life: 4 hours at 20°C

Drying time 20°C: after 48 hours light load
after 96 hours normal load

High temperatures reduce and lower temperatures increase the application- and reaction time. At temperatures below +5°C, there is no chemical reaction, the glue does not harden. Therefore, no applications should be done below temperatures of +5°C.

The indicated temperatures always relate to the component temperatures.

Safety data:

For the application of this product, please consider the instructions of the corresponding data sheet (91/155/EG). Safety data sheets are available for download on our website www.maxfrank.com in the "service" category.

Resistance list:

of the binder contained in the REPOXAL GLUE two-component against various agents. The tests were performed at 20°C and the quality was controlled monthly. The tests were stopped after 2 years.

Agents		Load time	Constitution of film	Resistance
Dist. Water		2 years	no change	resistant
Tap water		2 years	no change	resistant
Mineral water CO ₂		2 years	no change	resistant
Sea water		2 years	no change	resistant
Water in indoor swimming pools		2 years	no change	resistant
Waste water in municipal sewage plants		2 years	no change	resistant
Soda solution	20 %	2 years	no change	resistant
Potash lye	50 %	2 years	no change	resistant
Sodium hydroxide	20 %	2 years	no change	resistant
Hydrochlorid acid	10 %	2 years	no change	resistant
Sulphuric acid	10 %	2 years	no change	resistant
Sulphuric acid (AKKU-acid)	20 %	after 2 months	slight bubbling	not resistant
Nitric acid	10 %	after 2 months	slight discoloration and begin of bubbling	not resistant
Calcium hypochlorid	5 %	2 years	no change	resistant
Sulphurous acid	10 %	2 years	no change	resistant
Sodium sulphide	40 %	2 years	no change	resistant
Ammonium sulphate	20 %	2 years	no change	resistant
Detergent lye		2 years	no change	resistant
Axal acid	5 %	1 ½ years	begin of bubbling	partly resistant
Glycerine		2 years	no change	resistant
Edible oil		2 years	no change	resistant
Wine vinegar		2 years	no change	resistant
Pickable cabbage		2 years	no change	resistant
Milk		2 years	no change	resistant
Whey (sour)		2 years	no change	resistant
Coca Cola		2 years	no change	resistant
Light petrol		2 years	no change	resistant
Test petrol		2 years	no change	resistant
Diesel		2 years	no change	resistant
Methanol	50 %	2 years	no change	resistant
Ethyl alcohol	50 %	2 years	no change	resistant
Methane	---	---	---	resistant
Ozone	---	---	---	resistant
Formaldehyde	30 %	7 days	no change	resistant
Isobutyraldehyde	98 %	7 days	Surface mostly stripped off	not resistant
Bitumen	---	---	---	resistant