

Technical Data Sheet

Repoxal® TW two-component adhesive solvent-free for fibre concrete

Two-component adhesive for bonding plugs and sealing cones in the drinking water sector

Art.-No. MREPOXTW



Product

Description **Repoxal® TW two-component adhesive** reacts with the Repoxal® TW HARDER due to its chemical composition. The chemical reaction results in a hard, waterproof, chemical-resistant adhesive that is suitable for drinking water application. These properties are achieved after an appropriate curing time, depending on the temperature of the building structure.

Uses **Repoxal® TW two-component adhesive** is used for waterproof plugging of MAX FRANK fibre concrete distance tubes in areas that might be exposed to drinking water.

Characteristics / advantages

- solvent-free

Test Reports

Approvals / Standards Tested according to DVGW worksheet W270 and UBA epoxy resin guideline

Product Data

Appearance Two-component adhesive, grey

Packaging Tin cans with 500 g / 250 g content

Storage 12 months in sealed original container in cool, dry, frost-free storage conditions. Protect from direct sunlight and heat.

Agents		Load time	Constitution of film	Resistance
Dist. Water		1 year	no change	constant
Tap water		1 year	no change	constant
Mineral water CO ₂		1 year	no change	constant
Sea water		1 year	no change	constant
Water in indoor swimming pools		1 year	no change	constant
Soda solution	20 %	1 year	no change	constant
Potash lye	50 %	1 year	no change	constant
Sodium hydroxide	20 %	1 year	no change	constant
Hydrochloric acid	10 %	1 year	no change	constant
Sulphuric acid (AKKU-acid)	20 %	after 2 months	slight blistering	not durable
Nitric acid	10 %	after 2 months	slight discolouration and incipient blistering	not durable
Calcium hypochlorid	5 %	1 year	no change	constant
Sulphurous acid	10 %	1 year	no change	constant
Sodium sulphide	40 %	1 year	no change	constant
Ammonium sulphate	20 %	1 year	no change	constant
Detergent lye		1 year	no change	constant
Axal acid	5 %	1 year	incipient vesiculation	conditionally stable
Glycerine		1 year	no change	constant
Edible oil		1 year	no change	constant
Coca Cola		1 year	no change	constant
Light petrol		1 year	no change	constant
Test petrol		1 year	no change	constant
Diesel		1 year	no change	constant
Methane		1 year	no change	constant
Ozone		1 year	no change	constant
Formaldehyde	30 %	7 days	no change	constant
Isobutyraldehyde	98 %	7 days	Surface is mostly detached	not durable
Bitumen	---	---	---	constant

Disclaimer / Notes:

The usability of the products in the specific installation situation must be checked by the user. This data sheet is constantly updated. Technical changes are therefore expressly reserved without prior information of the customer. The currently valid version can be found on our website at: www.maxfrank.com. Our General Terms and Conditions of Sale apply in addition.

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