



## PRODUCT INFORMATION

### REMAFIX KTW

#### PRODUCT DESCRIPTION

**REMAFIX KTW** is a two-component, solvent-free, anthracite coloured repair paste based on epoxy resin. **REMAFIX KTW** is used for the repair of minor damage such as pores and cracks on hard rubber linings in the food and drinking water industry.

#### PRODUCT COMPOSITION

**REMAFIX KTW** consists of **REMAFIX KTW COMP. A** and **REMAFIX KTW COMP. B**. A primer is not necessary.

#### FIELDS OF APPLICATION

**REMAFIX KTW** can only be used for repair areas up to max. 100 mm diameter. Major damage can be repaired by combining hard rubber plates and **REMAFIX KTW**. **REMAFIX KTW** is also suitable for fixing hard rubber plates to flange connections.

#### FEATURES

- Certificate of suitability for aqueous food in accordance with the guidelines CFR 21§ 175.300 of the Food and Drug Administration (FDA)
- Suitable for food and drinking water industry
- Good chemical resistance
- Excellent adhesion on steel surfaces
- Excellent mechanical properties
- Suitable for fixing hard rubber plates on flange connections
- Solvent free

#### CHEMICAL RESISTANCE

Information on the chemical resistance properties is available upon request.

#### SUBSTRATE

Substrates are components made of non-ferrous metals, cast iron or ferrite steel.

#### SURFACE PRE-TREATMENT

All surfaces to be repaired must be dry and free of contaminants. All contaminants, including non-visible detectable contaminants, must be removed in accordance with DIN TR 55684 or EN ISO 8502.

Non-alloyed steel surfaces shall be abrasive blasted to "Near White Metal" in accordance with EN ISO 12944-4. A surface preparation degree of SA 2½ (SSPC-SP 10; NACE No. 2) as specified in EN ISO 8501-1 and a "medium (G)" roughness degree as specified in EN ISO 8503-2 must be achieved. A minimum surface profile of  $R_z \geq 70 \mu\text{m}$  is required.

#### ENVIRONMENTAL CONDITIONS

Throughout the repair process, the temperatures of the substrate and repair materials shall be maintained within the range specified by TIP TOP. All surfaces shall be maintained at a temperature at least 3K above the dew point in order to prevent condensation.

#### APPLICATION

The weighed components must be mixed with a scraper until the mass is homogenous and uniformly coloured. Apply the mass cavity-free and as smooth as possible onto the area to be repaired. The maximum thickness of the layer should not exceed 10 mm. Otherwise multiple layers must be applied. After 24 hours the hardened mass can be processed mechanically.

#### MIXING RATIO

**REMAFIX KTW** is supplied in pre-measured units. Otherwise weighing is required. After the unit has been mixed it shall be used within the specified pot life.

Product	Parts by Weight
<b>REMAFIX KTW COMP. A</b>	200
<b>REMAFIX KTW COMP. B</b>	100

#### CONSUMPTION

Product	Thickness [mm]	Coverage [g/m <sup>2</sup> ]
<b>REMAFIX KTW</b>	1	ca. 1600

#### POT LIFE / WORKING TIME [min]

Product	15°C	20°C	30°C
<b>REMAFIX KTW</b>	ca. 80	ca. 60	ca. 40

#### CLEANING

Clean all equipment with **SOLVENT T-200** immediately after use.

#### SAFETY MEASURES

The material safety data sheets of the individual components, the safety instructions on the packing (label) as well as the legal requirements for handling hazardous materials must be observed.

## REMAFIX KTW

### PACKING UNITS

The products are supplied in the following standard package sizes:

Product	Size	Article No.
REMAFIX KTW COMP. A	0.50 kg	525 1301
REMAFIX KTW COMP. B	0.25 kg	525 1311
REMAFIX KTW COMP. A	10 kg	525 1320
REMAFIX KTW COMP. B	5 kg	525 1330
SOLVENT T-200	4 kg	590 0610
SOLVENT T-200	8 kg	590 0611

### STORAGE

The products must be stored in a cool and dry place, away from direct sunlight. At the specified storage temperatures a shelf life of the products is given of at least for the following periods:

Product	Temperature	Shelf Life
REMAFIX KTW COMP. A & B	5 - 25°C	24 Months
SOLVENT T-200	5 – 25°C	60 Months

If the storage time is exceeded, the materials must be tested before use. Higher storage and transport temperatures will reduce the shelf life. The containers must be kept tightly closed. Liquid products must be stored frost-proof. In addition, the DIN 7716 must be observed.

Technical Data	Standard	Unit	Value
Polymer Base	-	-	Epoxy resin
Colour	-	-	Anthracite
Density REMAFIX KTW COMP. A	EN ISO 2811-1	g/cm <sup>3</sup>	1.76
Density REMAFIX KTW COMP. B	EN ISO 2811-1	g/cm <sup>3</sup>	1.49
Density Mixture REMAFIX KTW	EN ISO 2811-1	g/cm <sup>3</sup>	1.462
Hardness Shore D	ISO 48-4	-	65
Max. Operating Temperature	-	°C	-40 up to +80

Information given in the fact sheet above corresponds to the current knowledge available to us regarding our products at the time of its drafting and is intended as a guideline for informational purposes. However, because of the multiple possibilities regarding possible applications, processing and on site conditions, any information given in the fact sheet above is not legally binding, in particular, without being limited to, such information shall not be interpreted as a warranty of merchantability or of fitness for a particular purpose. Customer therefore is advised to conduct its own testing or make an inquiry with our technical department before ordering. We reserve the right to change the product at any time, in particular, without being limited to, minor changes because of advancements in technology. If by way of exception, the information given in the fact sheet above is incorporated by reference into any contract concluded with us under German Law, such information, shall only be interpreted as determining the specific requirements of the contractual products as set out in § 434 BGB (German Civil Code) and shall not be interpreted as constituting a guarantee of condition.

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