



# MATT REPAR



## REPAIR SYSTEM OF URGENCY FOR DRAINS, CONNECTIONS, PIPES...

### DESCRIPTION

**MATT REPAR** is a fibre reinforced polyurethane repair tape designed for the rapid repair of cracks and leaks in most types of pipework.

**MATT REPAR** adheres to most materials such as plexiglass®, PVC, rubber, glass, steel, copper, stainless steel, aluminum, cast iron.

**MATT REPAR** easily adheres to materials.

**MATT REPAR** resists shocks and vibrations thanks to the elastic quality of polyurethane.

**MATT REPAR**, after complete polymerization (between 30 to 45 minutes), can be sanded, drilled, painted.

**MATT REPAR** is a knitted glass fabric wrap tape that, being flexible, allows easy application on elbows and profile fittings. The tape is pre-impregnated with a high performance polyurethane resin. When activated by water, it hardens to produce a strong and chemical resistant envelope around the item under repair.

### TECHNICAL DATA :

Working time: 1-2 min depending on temperature.

Initial hardening time: 7-10 min

Full drying: 30-45 min

Tensile strength: 30 MPa

Modulus of elasticity: 7.5 GPa

Thermal expansion coefficient: approx.  $1.9 \times 10^{-3}$  per °C

Maximum operating temperature: +150°C

Pressure resistance: 5 - 30 bar (1.5 - 3 MPa) depending on pipe and leak dimensions

Chemical resistance: Resistant to most aqueous solutions, diluted acids and alkalis, gasoline, diesel and fuel oils, mineral fuels, ketones and alcohols.

### INSTRUCTIONS OF USE :

Stop the pressure of the liquid in the pipe to be repaired. No flow will prevent repair. The part of the pipe to be repaired must be clean and free from rust and paint particles. The surface to be repaired may be wet.

Wear protective gloves. MATT REPAR is ready to use.

Take the tape out of its packaging and soak in water for 20 seconds, then remove the tape from the water and gently wipe it to remove excess water. The working time is 2 minutes.

Start by rolling the strip 40-50 mm from the crack and then move forward by rolling the strip around the pipe, going beyond the crack by 40-50 mm. Roll the tape to obtain a minimum of 4-5 layers.

It is important to take care to stretch the tape well with each pass and to shape the tape around the pipe with your hand during the last pass. The repair will be fully cured in approximately 30 - 45 minutes.

**Ref. 182M**  
**Tape : 50mm x 1800mm**

Shelf life : 18 months

Keep out of the reach of children. Reclose the packaging after each use.

Exposure to sun and extreme temperatures should be avoided. Keep out of direct sunlight.

Always carry out a test prior to use on the surface to be treated to determine suitability and the appropriate contact time. Before use, read the label safety section for Health and Safety Information or request the safety data sheet to [servicetechnique@mattchem.fr](mailto:servicetechnique@mattchem.fr).

**MATT CHEM<sup>®</sup>**  
**MARINE**

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