

## 108 PIPE REPAIR TAPE

**108 Pipe Repair Tape** is a high performance rapid curing moisture activated repair bandage, specifically developed for the repair of leaking pipes, which is activated by immersion in water.

### Typical applications

Seal leaking pipes up to 250mm diameter

### Characteristics

#### **Appearance**

Single component  
Fabric impregnated with resins

#### **Solids content**

100%

#### **Cure Times**

The applied material should be allowed to harden for the times indicated below before being subjected to the conditions indicated:

#### **Usable life**

10°C	6 minutes
20°C	3 minutes
30°C	90 seconds
40°C	45 seconds

#### **Full Cure**

10°C	1 hours
20°C	30 minutes
30°C	15 minutes
40°C	7.5 minutes

#### **Storage life**

1 year if unopened and stored in normal dry conditions (15-30°C)

### Mechanical Properties

#### **Adhesion**

**Tensile Shear** to ASTM D1002 on abrasive blasted mild steel with 75 micron profile  
194kg/ cm<sup>2</sup> (2755psi)

**Pull off Adhesion** to ASTM D4541 on abrasive blasted mild steel with 75 micron profile  
140kg/ cm<sup>2</sup> (2000psi)

#### **Corrosion Resistance**

Tested to ASTM B117  
Minimum 1000 hours

#### **Flexural Strength**

Tested to ASTM D790  
326kg/cm<sup>2</sup> (4640psi)

#### **Hardness**

Shore D to ASTM D785  
82

#### **Pressure Resistance**

*Hand tool surface preparation*  
maximum service pressure  
12mm thickness cured resin  
5bar (72.5psi)

#### *Mechanical surface preparation*

maximum service pressure  
15mm thickness cured resin  
10bar (145psi)

#### *Abrasive blast clean surface preparation*

maximum service pressure  
20mm thickness cured resin  
15bar (218psi)

#### **Heat Resistance**

Suitable for use in operating conditions at temperatures up to 120°C.

#### **Food Contact**

USDA compliant for incidental food contact.

#### **Approvals**

Approved for contact with potable water by WRAS (UK) BS6920

Approved by BUREAU VERITAS for Surface Protection and Cold Repair Products applied to Marine Vessels.

Certificate No: 55258/AO BV  
Expiry: 24<sup>th</sup> March 2024

### Chemical Resistance

The product resists attack by a wide variety of inorganic acids, alkalies, salts and organic media.

For more detailed information refer to the Resimac Technical Centre for advice.

## Quality

All Resimac Products are supplied under the scope of the company's fully documented quality system.

## Warranty

Resimac warrants that the performance of the product supplied will conform to the typical descriptions quoted within this specification provided material is stored correctly and used according to the procedures detailed in the Technical Data Sheet for the material.

## Health and safety

Please ensure good practice is observed at all times during the mixing and application of this product. Protective gloves and other recommended personal protective equipment must be worn during the mixing and application of this product. Before mixing and applying the material please ensure you have read and fully understood the detailed Material Safety Data Sheet

**Legal Notice:** The data contained within this Product Specification is furnished for information only and is believed to be reliable at the time of issue. We cannot assume responsibility for results obtained by others over whose methods we have no control. It is the responsibility of the customer to determine the products suitability for use. Resimac accepts no liability arising out of the use of this information or the product described herein.