

PRODUCT SPECIFICATION SHEET: REPCOMP 3308 ER BANDAGE

PRODUCT DESCRIPTION

REPCOMP 3308 ER Bandage 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

GENERAL PRODUCT INFORMATION

Appearance

Single component
Fabric impregnated with resins

Solids content

100%

Working life

Working life will vary with temperature. Increases in temperature will reduce the working life of the product. As a guide the usable life of the material is:

| | |
|------|------------|
| 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

The shelf life of the product is typically 1 year if unopened and stored in cool dry conditions (15-30°C/ 60-86°F).

Food Contact

USDA compliant for incidental food contact.

MECHANICAL PROPERTIES

Testing is typically done under laboratory conditions at a temperature of 20°C unless otherwise specified.

Adhesion

Tensile shear

When tested in accordance with ASTM D1002 on abrasive blasted mild steel with 75 micron profile, typical values will be:

194kg / cm 2755psi

Pull off Adhesion

When tested in accordance with ASTM D4541 on abrasive blasted mild steel with 75 micron profile, typical values will be:

140kg / cm 2000psi

Corrosion Resistance

When tested in accordance with ASTM B117, typical values will be: Minimum 1000 hours

Flexural Strength

When tested in accordance with ASTM D790, typical values will be:

326kg/ cm² 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 10 bar (145psi)

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

HEAT RESISTANCE

Heat Resistance

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

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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.

CHEMICAL RESISTANCE

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

TECHNICAL SUPPORT

Zoom Corrosion Technology offer complete technical
support and assistance, from discussing application
requirements to training approved local contractors. For
further information please contact a REPCO representative
or your nearest REPCO authorised dealer.

HEALTH AND SAFETY

Please refer to the product safety data sheet for detailed
information on handling, storage, shipping and disposal.

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