Belzona 1291

(ES-METAL)

BELZONA®
Repair • Protect • Improve

INSTRUCTIONS FOR USE

1. TO ENSURE AN EFFECTIVE MOLECULAR WELD

APPLY ONLY TO CLEAN, FIRM, DRY AND WELL ROUGHENED SURFACES.

a) Wipe away excess leaking material. Use a dry rag in the case of water, and a rag soaked in **Belzona® 9111** (Cleaner/Degreaser) or any other effective cleaner which does not leave a residue e.g. methyl ethyl ketone (MEK) for other contamination.

b) Roughen surfaces by blast cleaning, deeply scoring or grinding.

c) Apply only to stabilized cracks. Vee-out all cracks using a rotary file.

d) Finally degrease again. Use clean rags to avoid spreading contamination.

2. COMBINING THE REACTIVE COMPONENTS

Cut off the required amount of material and knead in gloved hands to a uniform grey colour. Mixing is aided by storing the material between 68 - 77°F (20 - 25°C).

WORKING LIFE
From commencement of mixing, **Belzona® 1291** should be used within approximately 4 minutes.

3. APPLYING BELZONA® 1291

Use **Belzona® 1291** to seal live leaks. Force the mixed material into cracks and holes and apply pressure until the material has hardened.

This is best achieved using the Belzona® Tourniquet provided. Peel away the Velcro fastener and unroll the rubber strip. Whilst pressing the inward curving end of the rubber strip onto the **Belzona® 1291,** stretch the Tourniquet tightly around the repair ensuring each wrap overlaps approximately half way over the previous wrap. Secure with the Velcro end.

After approximately 1 hour remove the Tourniquet and apply **Belzona® 1111, 1121** or **1221** to secure the repair.

Spread the **Belzona®** onto the **Belzona® 9341** (Reinforcement Tape). Apply the bandage to the area to be repaired with the coated side adjacent to the substrate.

Press down firmly to fill all cracks, remove entrapped air, and ensure maximum contact with the surface.

In the case of pipes, wrap tightly round several times so that the **Belzona®** is forced through to the outside of the **Belzona® 9341**.

4. CLEANING

Mixing tools should be cleaned immediately after use with **Belzona® 9111** or any other effective solvent e.g. Methyl ethyl ketone (MEK), acetone or cellulose thinners.

5. APPLICATION GUIDELINES

a) For low pressure application (below 7 bar/100psi/7kg/cm²) repairs using Reinforcement Tape are satisfactory.

b) For higher pressures and extra security a metal reinforcement patch fabricated from similar material to the substrate should be incorporated into the repair.

The patch should be profiled to follow substrate and should extend at least 1 inch (2.5 cm) beyond the damaged area.

Please telephone of fax Belzona® TKHL for further information.

HEALTH & SAFETY INFORMATION

Please read and make sure you understand the relevant Material Safety Data Sheets.

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ISO 9001:2008
Q 09335
ISO 14001:2004
EMS 509612

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Printed in England Publication No. 21-03-11