

# Multi-Purpose, Flexible Repair Composite



**BELZONA**<sup>®</sup>  
**2211**



Belzona 2211 (MP Hi-Build Elastomer) is a two-component paste grade elastomeric repair composite for the repairing and rebuilding of rubber components.

This versatile high performance elastomer can be applied without the need for specialist tools and will bond strongly to a wide range of substrates including natural rubber, nitrile, neoprene, polyurethane, pvc, steel, copper, aluminium and concrete.

ASTM C 719 CLASS 25 TYPE M, GRADE N SEALANT

|                |   |   |                                |                               |                            |
|----------------|---|---|--------------------------------|-------------------------------|----------------------------|
| TECHNICAL DATA | Mixing ratio (Base : Solidifier)                        | 3 : 1 by volume                                       |                                | 2.3 : 1 by weight             |                            |
|                | Working life  | 15 minutes at 20°C (68°F)                             |                                |                               |                            |
|                | Shelf life  | 3 years   |                                |                               |                            |
|                | Adhesion (90°C Peel)                                    | Grit blasted mild steel: 3,053 kg/m (171 pli)         |                                |                               |                            |
|                | Adhesion (180°C Peel)<br>*cohesive failure of substrate | Natural rubber:<br>214 kg/m (12 pli)                  | Neoprene:<br>671 kg/m (38 pli) | Nitrile:<br>897 kg/m (50 pli) | EPDM:<br>488 kg/m (27 pli) |
|                | Volume capacity   | 467 cm <sup>3</sup> (28.5 in <sup>3</sup> ) / 550 g   |                                |                               |                            |
|                | Tear strength   | 4,106 kg/m (230 pli) after 7 day cure at 20°C (68°F)  |                                |                               |                            |
|                | Tensile strength  | 10.34 MPa (1,500 psi) after 7 day cure at 20°C (68°F) |                                |                               |                            |
|                | Shore A hardness  | 73 after 7 day cure at 20°C (68°F)                    |                                |                               |                            |
|                | Abrasion resistance                                     | H18 - 400 mm <sup>3</sup> dry                         |                                | H18 - 180 mm <sup>3</sup> wet |                            |

|            |                         |             |             |             |              |
|------------|-------------------------|-------------|-------------|-------------|--------------|
| CURE TIMES | Temperature             | 10°C (50°F) | 20°C (68°F) | 30°C (86°F) | 40°C (104°F) |
|            | Light loading           | 24 hours    | 12 hours    | 9 hours     | 6 hours      |
|            | Full mechanical loading | 72 hours    | 36 hours    | 32 hours    | 28 hours     |
|            | Immersion in chemicals  | 5 days      | 3 days      | 2.5 days    | 2 days       |

\*Please consult the Product Specification Sheet (PSS) and Instructions for Use (IFU) for the latest technical data.



EASY TO APPLY



LOW  
TEMPERATURE  
CURE



HIGH  
ELASTICITY



HIGH  
ELONGATION



EXCELLENT  
ADHESION

## Key Benefits:

- Simple and seamless application

Material is easy to mix and apply with no specialist tools and will cure at ambient temperatures.

- Excellent in-service performance

Elastomer resists tear, impact, abrasion, weathering and a wide range of chemicals.

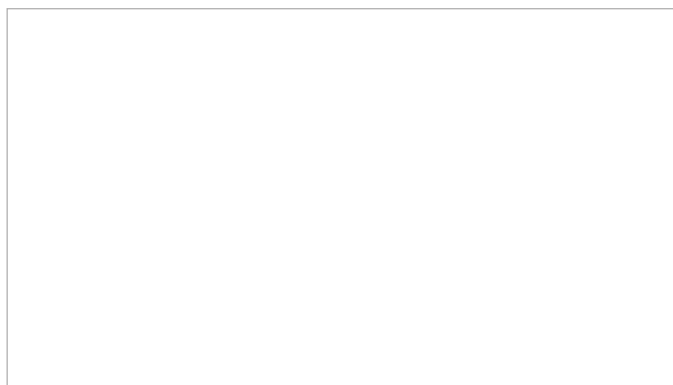


## Application Areas:

- Conveyor belts
- Expansion joints
- Floating hoses
- Gaskets
- Impellers
- Pumps
- Rubber rollers
- Valve seals
- Valves



For more information, please contact your local Belzona representative:



### QUALITY PRODUCTS - TECHNICAL SUPPORT

Belzona products are manufactured under an ISO 9001 Registered Quality Management System.

Belzona has a global distribution network of over 140 Distributors operating in 120 countries. Local support is provided by a trained Technical Consultant who will diagnose the problem, recommend the solution and provide 24-hour, on-site application supervision and advice.