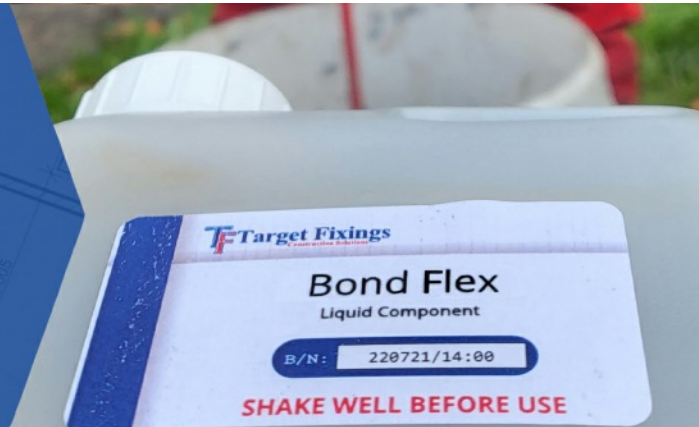


Cementitious Grout



Introduction

The effective stress redistribution in masonry can take place only if the reinforcement is fully mobilised in the masonry. Bond Flex XL is a specialized two-component bonding grout designed to ensure excellent workability, perfect bond to the substrate and good mechanical properties. Its thixotropic properties ensure pumpability and easy injection with a hand applicator. The low liquid-to-powder ratio ensures effective void penetration in the masonry and rapid strength increase.



Bond Flex works perfectly with Bar Flex ensuring full engagement of the reinforcement in the masonry even at stress levels exceeding the Ultimate Limit States thus allowing for ductile response.

Key Benefits

- Shrink-compensated – Reduces shrinkage cracks
- Perfect bar coverage - Enhances bond
- Thixotropic properties – Ideal for overhead use; won't drip
- Pumpable – Easy application, even over long distances
- Fire-safe & odourless – Resin-free and suitable for sensitive environments
- Fully pre-packed – Consistent, error-free mixing

Applications

Bond Flex is perfect for bonding metal components into masonry, including:

- Perfect to bond metal components to brick masonry, stone, blockwork and concrete
- Suitable for crack injections repair
- Patching of small holes

Bond Flex works seamlessly with Bar Flex, Bow Flex, Cem Flex, and Retro Flex systems.

Performance

Time	Compressive Strength (Mpa)
1 Day	20
3 Days	25
7 Days	30
28 Days	40

Packaging and Storage

- Bond Flex XL contains a dry powder and a liquid component individually packed to make 3 litres of injectable adhesive.
- For one-off purchases or resale, this can be supplied in a 16 litre bucket for easy mixing, and can be supplied as a 3 litre or 6 litre product. Buckets stack safely up to 4 high.
- For high quantity orders, we supply the powder and liquid without the bucket.
- Bond Flex should be stored dry between 5 °C and 35 °C.