



Target Fixings Ltd

Bond Flex

Cementitious grout

INTRODUCTION

Bond Flex XL cementitious grout is a non-shrink, pumpable, thixotropic, high-performance, cement-based grout suitable for injection with a hand applicator. Supplied in a 16 litre bucket, Bond Flex XL contains the dry powder to make either 3 or 6 litres of injectable grout.

The low liquid to powder ratio ensures a thixotropic grout, which develops its compressive strength rapidly. It is designed to fill all voids into which it is injected and the bond stress is greatly enhanced by its expansive properties.



TECHNICAL

Bond Flex XL is suitable for bonding metal components into most masonry substrates including concrete, brick, stone, blocks and most masonry materials. It is designed for use with the other Target products Bar Flex, Cem Flex, and Retro Flex as a bonding agent. Further details are given in those product brochures.

Bond Flex XL has been found to be an ideal alternative product to polyester resin and is particularly useful when fire risks are an issue - replacement wall ties on

high-rise structures is a good example. Being non-flammable and odourless, Bond Flex does not have the inherent drawbacks of many resin-based alternatives.

PACKAGING

The packaging of Bond Flex XL ensures that consistent results are obtained with every mix. There is nothing to leave out, and more importantly, nothing to add. Contractor error has been eliminated.

Although packaged in the same 16 litre bucket for a clean mix every time, for extra convenience Bond Flex XL is available in two different sizes. XL3 contains enough mixture for 3 litres of grout, whilst XL6 contains two packs of each XL3 component and hence produces 6 litres of usable grout.

STORAGE

Bond Flex XL buckets may be stacked up to 4 high and should be kept in dry conditions. A temperature range of 5°C to 35°C is ideal and should be maintained.

PERFORMANCE DATA

The typical compressive strength development at 20°C, 100 mm cubes under restraint and wet cured is given in the table below.

1 Day	3 Days	7 Days	28 Days
20 N/mm ²	25 N/mm ²	30 N/mm ²	40 N/mm ²

SPECIAL FEATURES

- Thixotropic. Will not drip when used overhead
- Non-shrink property increases bond stress
- Fully packaged for consistent mixing
- Easily pumpable over long distances
- Fills voids when injected
- Non-flammable material

