

# FIRETAPE CERAMIC

## DESCRIPTION

Firetape Ceramic is a specialised tape based on ceramic fibres which is supplied on single strand reels for use when glazing a wide variety of insulating and non-insulating fire resistant glass types into internal screens and doors manufactured from timber or steel. It has a special pressure sensitive contact adhesive which allows it to be repositioned before final fixing. It can also be capped with Silifix® U9 to prevent possible degradation of the tape by glass cleaning solutions.

## KEY FEATURES

- Can provide 30 minute and in some cases 60 minute resistance to the passage of fire and smoke.
- Tested with non-insulating and insulating glass types from all major glass manufacturers.
- Supplied on single strand reels with an “easy peel” backing paper.
- Prevents glass rattle.
- Special pressure sensitive contact adhesive allows it to be repositioned before final fixing.
- Non-toxic.
- Quick, clean & easy to apply - eliminates need for distance pieces.

## TECHNICAL APPROVALS

Firetape Ceramic conforms to the following standard: BS 476: Part 20: 1987 Reference IFCI/295.

## USES

- For glazing of non-insulating and insulating glass into internal timber and steel screens and doors with glass from major manufacturers including Pyrostop, Pyrobelite, Pyrocet, Contraflam etc.
- The performance of Firetape Ceramic is dependent on the use of suitable fire resistant glass and suitable frame design. Further information is available from our Technical Department.

## PERFORMANCE

- Adhesion:** Excellent to glass, primed or base stained wood, and steel
- Compression to seal:** Positive compression
- Density:** 0.13 – 0.19g/cm<sup>3</sup>
- Force to compress by 20%:** 1.1kg/cm<sup>2</sup>
- Movement accommodation:** ±10%
- Paintability:** Excellent
- Service life (predicted):** in excess of 20 years
- Service temperature range:** -15°C to +40°C
- Shrinkage:** <1%
- Slump:** Nil
- Staining:** Nil
- Tack:** Very good
- UV resistance:** Excellent

## APPLICATION

### PROPERTIES

- Application temperature range:** +5°C to +30°C
- Shelf life:** 12 months when stored flat in original packaging in cool, dry conditions.

### INSTRUCTIONS

- Surface preparation:** All surfaces should be clean, dry and free from frost, grease and loose materials.
- Application:** Firetape Ceramic is designed to be applied directly to the surface. No special primers or sealers are required. If firetape ceramic is to be capped with Silifix® U9, apply the tape to the rebate upstand and bead approximately 3mm below the sightline. If Firetape Ceramic is to be applied without a silicone capping, apply the tape to the rebate upstand and bead, level with the sightline.

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## PACKAGING

**15mm x 3mm:** 20 x 15m reels  
**20mm x 3mm:** 15 x 15m reels  
Other sizes are available on request.  
**Available colour:** White

## GENERAL

Firetape Ceramic is part of a full range of cartridge sealants, tapes and fire resistant foam designed for use by the professional user to resist the passage of fire and smoke. For further information please contact our Customer Care Team or visit our Website.

The information given in this product data sheet is based on laboratory tests and experience which we believe to be correct. Properties quoted are typical and do not therefore constitute a specification. In view of the wide range and variability of substrates, we would advise that our product should be tested by the user to establish suitability for its intended application. E &OE.