

Fire Resistant Glazing Systems



CERAMIC FIBRE TAPE

Specialised ceramic fibre glazing tape

DESCRIPTION

Ceramic Fibre Tape 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 Silfix U9 to prevent possible degradation of the tape by glass cleaning solutions.

Ceramic Fibre Tape can be subjected to high temperatures but maintain its density and tensile strength. It is supplied in roll form and is white in colour and has been successfully fire tested in accordance with BS476: Part 22: 1987.

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.
- Colours available: White.
- Non-toxic.
- Quick, clean & easy to apply - eliminates need for distance pieces.

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, Pyroacet, 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 Firewise.

INSTRUCTIONS

Ceramic Fibre Tape is designed to be applied directly to the surface, no special primers or sealers are required.

If Ceramic Fibre Tape is to be capped with silicone, apply the tape to the rebate upstand and bead approximately 3mm below the sightline.

If Ceramic Fibre Tape is to be applied without a silicone capping, apply the tape to the rebate upstand and bead, level with the sightline. Surface preparation: all surfaces must be clean, dry and free from frost, grease and loose materials.

Unwind a convenient length of the reel and remove the backing paper to expose the adhesive. Apply adhesive side of the Ceramic Fibre Tape to the substrate and secure in place using moderate pressure.

Place other joint surface on top of the tape and secure in position.

APPLICATIONS

Properties: Application temperature range: + 5oC to +40oC.

Shelf life: 12 months.



TEST DATA

In fire test 63329 sponsored by Schott Glass Ltd, 2 panes of 6mm thick PYRAN® glass 1400mm wide by 2300mm high and 1200mm wide by 2300mm high achieved 126 minutes integrity. The frame consisted of Jansen mild steel rectangular hollow sections.

The PYRAN® was glazed with 20mm by 6mm (thick) PYROTAPE® compressed to 3mm thick around the perimeter of both faces of the glass.

It can be used to glaze fire resistant glasses, into approved steel fire resisting doors and screens.

To establish the correct type/method of glazing please consult the glass or frame manufacturer.

PACKAGING

Supplied in:

- 10mm x 3mm x 15m roll
- 15mm x 3mm x 15m roll
- 20mm x 3mm x 15m roll
- 20mm x 5mm x 10m roll
- 20mm x 6mm x 10m roll

Other sizes are available on request.

