

Therm-a-Glaze 30 Plus

Part of the Dixon
International Group Ltd
www.dig.co.uk

Introduction

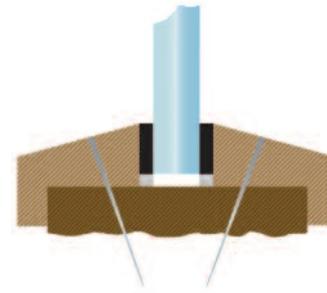
Therm-A-Glaze 30 Plus is a new dark grey, medium pressure intumescent glazing tape material available on 100 metre length spools which are specifically designed to maximise glazing efficiency and so minimise tape wastage. It has also been developed to ensure a very reliable fire performance when a cost-effective intumescent tape is required for a 30-minute rated glazed fire door application.

Please see Certifire Approval CF284 for full details of the available fire test evidence covering a wide range of fire resisting glass types.

The Product

Therm-A-Glaze 30 Plus has been developed to provide excellent high temperature sealing properties combined with the benefit of being a strong, durable and flexible strip of intumescent material. It has been specifically formulated to deliver excellent thermal char stability and comprises the benefits of a volume expansion of up to ten-fold beginning at 180°C and generating a medium pressure intumescent behaviour.

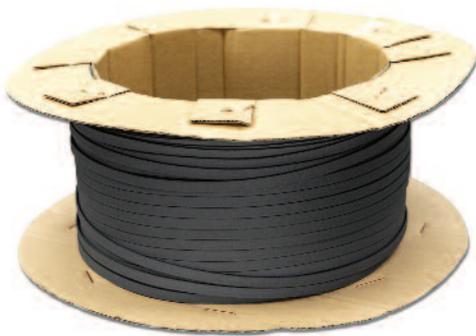
Fire Door Applications



Key

- | | | | |
|---|---------------------------|---|-------------------------------------|
|  | Fire Resistant Glass |  | Softwood or Hardwood Timber Beading |
|  | ISL Therm-a-Glaze 30 Plus |  | Glazing Setting Block |
| | |  | Pins or Screws |
| | |  | Fire Door - 30 minutes applications |

Supplied on 100 metre spools



Application

Therm-A-Glaze 30 Plus intumescent tape is supplied in a 10mm x 2mm strip. It has a strong adhesive with paper liner backing to allow rapid and easy installation into both fire door apertures and fire glazing screens. The material can be cut very easily with scissors or a sharp knife and so is very easy to fit to fire door glazing beads. The unique thermal behaviour of this new product allows it to be used across a very wide range of fire resisting glazing types for both integrity only and semi-insulating applications. It has been developed to achieve successful fire performance to the BS 476 Standard for fire doors with a 30 minutes rating application.

www.intumescentseals.co.uk

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Summary of Fire Test Evidence for FD30 Timber Doors - for periods of 30 minutes fire resistance

Glass	Bead Height/ Tape Dimension	Maximum Glass Height (mm)	Maximum Glass Width (mm)	Maximum Glass Area (M2)
Pyroguard UK Ltd Pyrostem	15 / 10x2	2288	889	1.63
Pilkington UK Ltd Pyroshield 2	15 / 10x2	2288	889	1.63
Schott UK Ltd Pyran S - 6, 8, 10 & 12 mm	15 / 10x2	2288	889	1.63
Pyroguard UK Ltd 7 mm Pyroguard EW30 IMPACT	15 / 10x2	1680	610	0.85
		1846*	760*	1.31*
Pilkington UK Ltd Pyrodur Plus 30-104 (7 mm)	15 / 10x2	2288	889	1.63
Pilkington UK Ltd Pyrodur 30- 201 (10 mm)	15 / 10x2	228	889	1.63
AGC UK Ltd Pyrobelite 7 & Pyrobelite 10	15 / 10x2	2300*	890*	2.05
		1400	1032	1.44
Fire Glass UK Ltd Firesafe 30- 7	15 / 10x2	2288	889	1.63
Fire Glass UK Ltd Fire 30-9 2B2		1632	800	1.31
Fire Glass UK Ltd Firesafe 60- 11		1632	800	1.31
Promat UK Ltd Pyrosec 7/30	15 / 10x2	2300*	890*	2.05
		1400	1032	1.44
AGC UK Ltd Pyrobelite 7 & Pyrobelite 10	15 / 10x2	2300*	890*	2.05
		1400	1032	1.44
Fire Glass UK Ltd Firesafe 30-7	15 / 10x2	2288	889	1.63
Fire Glass UK Ltd Firesafe 30-9 2B2		1632	800	1.31
Fire Glass UK Ltd Firesafe 60-11		1632	800	1.31
Promat UK Ltd Pyrosec 7 /30	15 / 10x2	2300*	890*	2.05
		1400	1032	1.44

*hardwood beads only (min. density 620 kg/m3)

Design, Innovation & Manufacture since 1962

Certifire Approval CF284

This Certificate of Approval relates to the sizes of various glass types as shown in the table, when used in conjunction with the glazing system. Maximum pane dimensions are also subject to the limitations given.

Availability

Therm-A-Glaze 30 Plus is supplied in a 10mm x 2mm dimension and on 100 metre length spools. Shorter lengths can be supplied on application as required.

Please contact our Sales or Technical Department for all enquiries.

Contacting Us

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