

## INTUGLAZE®

Version No. 3

Revision Date: 29/04/09

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### DESCRIPTION

Intuglaze® is a high quality intumescent acrylic with excellent application characteristics, which can be used for glazing fire-rated glass into timber doors and screens.

### KEY FEATURES

Formulated using a special acrylic emulsion to provide a firm seal whilst retaining a degree of flexibility.

Paintable

For use with Pilkington Pyroshield glass for periods of 30 minutes integrity

Will not support combustion

### TECHNICAL APPROVALS

Tested to BS476: Part 22 for 30 minutes integrity

ISO 11600 Classification G-12.5 P

### USES

Intuglaze® has been designed to glaze fire rated glass into timber fire doors and screens subject to frame design for 30 minutes integrity.

### PERFORMANCE

**Adhesion:** Good adhesion to coated timber and glass

**Base technology:** Acrylic emulsion

**Chemical resistance:** Fair to dilute acids and alkalis

**Curing system:** Dries through evaporation

**Hardness (Shore A 25°C):** 50

**Mould resistance:** Contains a fungicide

**Movement accommodation:** ± 12.5%

**Paintability:** Can be overpainted

**Service life (predicted):** 20 years

**Service temperature range:** -15°C to +70°C

**Shrinkage:** <25%

**Slump:** Nil

**UV resistance:** Good

**Volatile content** <25%

**Not recommended for external use**

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### APPLICATION

#### PROPERTIES

**Application temperature range:** +5°C to +30°C

**Curing rate:** No curing reaction takes place. Dries through evaporation.

**Shelf life:** 12 months (Do not store below +5°C)

**Skinning time:** Skin forms within 25 minutes at 20°C @ 65% RH

**Tack free:** 75 minutes

**Working time:** 5 minutes

#### INSTRUCTIONS

**Surface preparation:** All surfaces must be clean, dry and free from frost, grease and loose materials. In situations where an especially neat finish is required, use masking tape to cover the face edges of the joint and remove immediately once tooling has been completed. Cut the tip of the screw thread off the cartridge and screw onto the nozzle. Cut nozzle to the correct diameter for the joint size, apply using a skeleton gun. Gun sealant into joints ensuring there are no voids or gaps and that the sealant is in full contact with both joint surfaces.

**Tooling:** Tool immediately after sealant has been applied within the working time for the product. A degree of shrinkage will occur on drying. Where a flush finish is required, it is recommended that the joint be filled/tooled slightly proud to compensate.

### PACKAGING

380ml cartridges - 25 per case

Colour: Brown

### ESTIMATING QUANTITIES

Based on a cartridge of Intuglaze® a rectangular joint of 25x3mm will produce 5 linear meters. No allowance has been made for wastage or variation in joint dimension.

### HEALTH AND SAFETY

Non-flammable

Wash hands immediately after use

See Product Safety Data Sheet for further information

### GENERAL

Intuglaze® is part of a full range of fire rated products designed for the professional user. 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.*