

# ST 99

## FR FOAM

### B1 FIRE-RATED expanding FOAM

exclusively tested  
FOR USE WHEN INSTALLING  
**FD30 - FD60  
DOORSETS**

TESTED TO:  
**BS 476 PART 22  
FIREDOORS**

**BS EN 1634:3 2004  
SMOKE**



**SEALED TIGHT SOLUTIONS**

### DATA SHEET

Low flammability, fire-resistant PU foam

Tested to BS 476 PART 20/22

Tested to BS EN 1366 PART 4

Tested to BS EN 1634:3 2004

Apply in temperatures between +5°C and +25°C

Resistant to deterioration between temperatures of -40°C to +80°C

FILLS GAPS UP TO 20mm

### THE PERFECT B1 FIRE-RATED FOAM FOR FD30 - FD60 DOORSETS

#### ST99 FR EXPANDING FOAM

- |              |                   |
|--------------|-------------------|
| ✓ FILLS      | ✓ CONSTRUCTION    |
| ✓ INSULATES  | ✓ ROOFING         |
| ✓ SEALS      | ✓ GLAZING         |
| ✓ BONDS      | ✓ PAINTABLE       |
| ✓ FIRE RATED | ✓ SOUND RESISTANT |

#### Technical data

Reaction System ▶ Moisture Curing

Adhesive Colour ▶ Grey

Application Temperature ▶ +5°C - +30°C  
(surfaces & environment)

Canister Content Temperature ▶ Minimum +5°C  
(Ideal +20°C - +25°C)

Temperature Stability of Cured Bead ▶ -40°C to +80°C  
(Short-term to +100°C)

Time to Initial Bond ▶ Approximately 4 minutes  
(+20°C @ 50% humidity)

Cure Time ▶ 3-5 hours  
(+20°C @ 50% humidity) (Fully-cured after 24 hours)

Output ▶ Up to 52 linear metres  
(3cm bead/750ml canister)

This product has a minimum shelf life of 18 months from the date of manufacture (see bottom of tin), provided it is stored according to the manufacturer's recommendations. The user assumes all risks associated with the use of this product, including its shelf life, and is responsible for determining its suitability for their intended purpose.

## HIGH-GRADE ADAPTABLE MULTI-PURPOSE FIRE PROTECTION

For further information contact:  
Sealed Tight Solutions Ltd. Sealed Tight Solutions House, Stargate Industrial Estate, Ryton, NE40 3DG