

# Technical Data Sheet

## TDS RTVFR 55 FIRESTOP SILICONE SEALANT

Revised 03.08.10

# Bondloc RTVFR 55

## PRODUCT DESCRIPTION

- UL Approved
- Fire Test To BS 476 Part 22 ISO 834
- Alcoxy Neutral cure silicone sealant for sealing joints to control the spread of fire
- 4 Hour Rating
- Excellent primerless adhesion to most common building materials
- Excellent movement accommodation makes it an ideal product for joints where fire resistance must be maintained
- The fire retardant additives used do not contain halogens or isocyanates
- Resistant to UV radiation, moisture temperature fluctuations between -30°C and 150°C

## APPLICATIONS

- Perimeter joints around fire doors
- Pipe, cable and channel entries through walls and floors
- Cap beading fire protective glazing
- Expansion joints
- Connecting joints in fire proof walls and ceilings

## TECHNICAL FEATURES

Specific gravity	1.49
Application rate, ml, 10sec	300 (3.2mm x 6.3 bar)
Sag ISO 7390	20 approx
Tooling time (minutes)	5 - 15
Tack free time (hours)	4
Full cure	5 to 10 days
Application temperature	-30°C to +60°C

## TYPICAL BOND/SEAL CHARACTERISTICS

Hardness shore A	25 - 35
Tensile strength at break	1.0 DIN 53504
Modulus @ 100% elongation, MPA	0.6 N/MM2
Elongation at break %	300%
Temperature resistance	-30°C to +150°C
Movement accommodation	± 50%
Fire rating	4 hours BS 476 Part 22

## PRESENTATION

Bondloc RTVFR 55 is available in:

Packaging Volume  
20 - 400ml

## Packaging Formats

Cartridges, Syringes, Collapsible tubes, Foil packs

## Colour

White, Grey - Further colours on request.

**PRECAUTIONS:** This product and the auxiliary materials normally combined with it are capable of producing adverse health effects ranging from minor skin irritation to serious systemic effects. None of these materials should be used, stored, or transported until the handling precautions and recommendations as stated in the Material Safety Data Sheets (MSDS) for this and all other products being used are understood by all persons who will work with the product.

**Warranty:** All products purchased from or supplied by Bondloc are subject to terms and conditions set out in the contract. Bondloc warrants only that its product will meet those specifications designated as such herein or in other publications. All other information supplied by Bondloc is considered accurate but is furnished upon the express condition the customer shall make its own assessment to determine the product's suitability for a particular purpose. Bondloc makes no other warranty, either express or implied, including those regarding such other information, the data upon which the same is based, or the results to be obtained from the use thereof; that any product shall be merchantable or fit for any particular purpose; or that the use of such other information or product will not infringe any patent.