



Firecaulk

FIRE-RATED ACRYLIC SEALANT

DESCRIPTION

Bostik **Firecaulk** is a gun grade acrylic based sealing compound specifically manufactured for sealing low movement interior joints in masonry and plasterboard to provide a fire barrier for periods up to 4 hours.

FEATURES AND BENEFITS

- Fire rating for gaps up to 50mm
- Good flexibility - joint movement
- One part - no mixing required
- Very easy to apply and gives a smooth finish
- Smooth gunnability and tool off finish
- Low odor
- Non-toxic
- Asbestos free
- Priming not normally required
- Water clean up
- Prevents the passage of hot gases
- Paintable after 24 hours at 20 C
- Excellent adhesion to metal, wood, plasterboard and all masonry
- Acoustic capabilities with STC rating in plasterboard construction
- Available in two colors: white and gray

RECOMMENDED USES

- Sealing of gaps around pipes, cables, ducts and services which penetrate fire rated walls and floors
- Fire-rated cable penetration in concrete and masonry
- Installation of fire-rated sealant in concrete walls and floors
- For vertical and horizontal joints, interior or exterior
- Application requiring acoustic properties or STC rating
- Sealing construction and expansion joints
- Sealing joints in pre-cast panels
- Perimeter sealing of door and window framing
- Sealing gaps between faced and cladding panels to various building materials
- For new construction and remedial applications
- To prevent the spread of fire and smoke through walls and floors

PACKAGING

Bostik Firecaulk is available in 300ml cartridges / 600ml sausage



COVERAGE

Approximately 8-10 linear meters @6mm bead

PERFORMANCE PROPERTIES

Typical properties after 7 days cure 25°C and 50% RM

Appearance	Non-sag thixotropic paste
Stain and Color Change	None
Chemical Type	One component intumescent acrylic
Service Temperature	20°C to + 90°C
Application Temperature	+4°C to 35°C
Tool Working Time	15 minutes at 25°C
Tensile Strength	> 1.0 N / mm ²
Maximum Joint Movement	± 12.5%
Maximum Joint Width	50mm
Elongation	290 to 340%
Full Cure	Depends on thickness (10mm will cure approx. 10 days depends on temperature of %RH)

*Average laboratory values provided as a general guide

**Actual field performance will depend on installation and site conditions

DISCLAIMER:

The information in this Technical Data Sheet is intended for the assistance of users and is of a general nature. It reflects the extent of our knowledge and experience of our products and is based on tests which we believe to be reliable. However, no guarantee of accuracy can be given due to the wide range of surfaces, environmental and field conditions and variations encountered in raw materials, manufacturing equipment and methods at the place where the work is performed. Some of these will be beyond our knowledge and control. Users are asked to make sure that the TDS in their possession is the latest issue. Likewise, we recommend users carry out their own tests to determine the suitability of the product for their particular purposes.

Any claim for a defective product must be filed within 30 days of discovery of a problem and must be submitted with written proof of purchase. Claims are not transferrable or assignable and extend only to the original purchaser/user. Bostik reserves the right to inspect alleged failure and no responsibility will be accepted unless Bostik is given the opportunity to do so. Bostik limits its liability to the replacement of the product/s proven faulty.

BOSTIK PHILIPPINES, INC.

35/F Penthouse Raffles Corporate Center
F. Ortigas Jr. Road, Ortigas Business Center
Pasig City Philippines
Tel No: +63 2 900 5856 | Fax: +63 2 900 5616

BOSTIK HOTLINE

Smart help +63 2 900 5656

