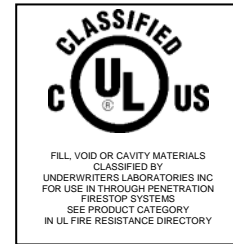


Flammadur[®] A108

Acrylic Sealant



Flammadur[®] A108, an acrylic sealant, is a plasto-elastic one-component sealant (acrylic based dispersion) that allows a maximum movement of 33% for sealing of joints. (see FPT Systems Summary or go to www.flammadur.com).

Industry Qualifications:

- ANSI/UL 2079, Tests for Fire Resistance in Building Joint Systems
- UL C-S115, Standard Method of Fire Tests of Firestop Systems
- ANSI/UL 1479, Fire Tests of Through-Penetration Firestops
- ASTM E1399 and C920

Made in Germany



Features:

- **weather resistant**
- **excellent aging resistance**
- **good UV resistance**
- **smoke, gas, and water resistant**
- **high fire rating properties**
- **silicone-free**
- **solvent-free (water based)**
- **halogen-free, asbestos-free**
- **cross-links by drying out**
- **tested and certified**

Properties	Values
Shell life	18 months
Color	red
Density	app. 1.5 g/cm ³
Slump	= 2 mm
Skin forming 20° C / 50 % rel. humidity	app. 15 min.
Movement capability, up to	33% and 100% in some head of wall applications %
Application method	trowel or spray
Application temperature	40°F (5°C) to 104°F (40°C)
Temperature resistance	-13°F (-25°C) to 176°F (80°C)
Curing time	app. 20 days

Preparation:

Storage and Handling:

- Deliver to the job site in original, unopened packages.
- Store off the ground in a dry area maintained between 40°F (4°C) and 90°F (32°C).
- Installed prior to the expiration date.
- Install with temperature between 34°F (1°C) and 120°F (49°C).

Substrate Treatment:

- The substrate must be dry, clean and free from dust, oil and grease.
- Porous substrates, e.g., concrete and untreated wood are to be pre-treated with a diluted sealant (Flammadur Acrylic Firestop Sealant with water in a ratio of 1:1 to 1:5 (=primer application).
- Before applying primer remove cement grouts, release agents and oil-coatings/-impregnations.

Installation:

- Surfaces shall be clean and free from loose debris, dirt, oil and wax. If a surface is painted or coated, it is recommended to wire brush and clean all loose debris from contact areas prior to installation.
- Apply by conventional caulking gun, 20 oz. soft package gun, bulk load gun, trowel, or wet fingers. The material does not stick to wet fingers.
- On highly water-absorbent surfaces, such as masonry block, pre-wet surface by brushing with a 50% diluted mixture of A108 and water, then seal with A108 sealant.
- Install in conjunction with mineral wool (MW). Apply A108 sealant as required to the specified depth and trowel the surface flush with floor or wall. Tools and spills can be cleaned with a wet cloth.

Tooling:

- The sealant can be tooled with water or suitable tooling liquid.



Fire Protection Technologies, Inc.

Flammadur® A108 is available from the Master Distributor in

Cartridge	300 ml (10.1 fl oz)	No. 40000
Sausage	600 ml (20.2 fl oz)	No. 40001
Pail	5 US gallon	No. 40002

Products and Technical Assistance available from

	<p align="center">Fire Protection Technologies, Inc. Suite 160 8000 Research Forest Drive The Woodlands, TX 77382 Website: www.flammadur.com</p>	
<p>Adolf R. Hochstim, PhD Technical Director</p>	<p>e-mail: ahochstim@earthlink.net</p>	<p>Phone: (818) 730-7749 FAX: (936) 271-4114 (Fax only)</p>
<p>Charles R. Eminhizer, PhD Thermal Physicist</p>	<p>e-mail: charles.eminhizer@yahoo.com ceminhizer@att.net</p>	<p>Phone: (858) 442-2192</p>

Warranty:

The information provided is based upon typical installation conditions and tests Fire Protection Technologies, Inc. believes to be reliable. However, due to a wide variety of possible use conditions, the manufacturer and distributor does not guarantee that typical values expressed will necessarily be obtained. THE FOLLOWING IS MADE IN LIEU OF ALL WARRANTIES, EXPRESSED OR IMPLIED, INCLUDING MERCHANTABILITY. Seller's and manufacturer's only obligation shall be to replace such quantity of the product proved to be defective. NEITHER SELLER, DISTRIBUTOR, OR MANUFACTURER SHALL BE LIABLE FOR ANY INJURY, LOSS, OR DAMAGE, DIRECT, INCIDENTAL OR CONSEQUENTIAL, ARISING OUT OF THE USE OF OR THE INABILITY TO USE THE PRODUCT. Before using, user shall determine the suitability of the product of their intended use, and user assumes all risk and liability whatsoever in connection therewith.

No statement or recommendation not contained herein shall have any force or effect unless in an agreement signed by officers of the manufacturer, or distributor.