

2 Part HFO Foam

TYPICAL PROPERTIES	VALUE	UNIT	METHOD
Nominal density	1.76	lb/ft ³ .	ASTM D1622
Compressive strength	21.2	psi	ASTM D1621
Tensile Strength	43.8	psi	ASTM D1623
Thermal resistance per inch (R-value)	6.7	ft ² ·h·°F/Btu.	ASTM C518
Flame spread/smoke developed* @ 2" thick, full coverage	20/350		ASTM E84/UL723
Air leakage rate at 75 Pa (1" thick).	0.02	L/s/m ² .	ASTM E283
Dimensional stability			ASTM D2126
-40°C (-40°F)	-0.2	%	
70°C/97% RH (158°F/97% RH)	6.6	%	
37.8°C/97% RH (100°F/97% RH).	3.5	%	
Water vapor transmission (2" thick)	1.869	perms	ASTM E96
Gel time	30	s	
Closed Cell Content	>90	%	

* Note: fire classifications are not intended to reflect hazards presented by this or any other material under actual fire conditions.

DESCRIPTION

BOSS® 2 Part HFO Foam is a high quality, quick rise, 2-component, polyurethane spray foam for insulating, filling and sealing in professional and industrial applications. It is air and watertight, but vapor open. The foam is produced in-situ. It is supplied in two portable, disposable and pressurized cylinders requiring no external power source, no extra pressure and no pumps. The two tanks are connected by hoses to the dispensing gun equipped with specially developed nozzles to assure a high quality foam is produced. **BOSS® 2 Part HFO Foam** systems contain an environmentally safe, non-flammable, non-VOC, ultra-low GWP (<1) and zero ODP propellant which complies with the latest EU and American regulations banning all CFC-, HCFC- and HFC-propellants.

FEATURES

- Air & water tight sealing
- Acoustic and thermal insulation
- Low density = high yield
- Fast curing
- Ultra low GWP (<1) and zero ODP

HOW TO USE

1. Check if the application conditions are conform the prescriptions mentioned in Product properties.
2. Hold the dispensing gun about 6" - 24" away from the surface/space that has to be sprayed by pressing down the trigger completely.
3. Make sure the trigger is always pressed down completely while spraying. A not completely opened trigger can result in bad foam quality (off ratio foam).
4. Move the dispensing gun under controlled movement to cover the desired surface/ space with foam.
5. Spray in foam layers of approx. 1" - 2" thickness. While spraying the product an amount of heat is released because of the exothermic nature of the chemical PU reaction. Make sure that the substrate is not affected by this heat release. It is advised to do a test shot to verify this.
6. Replace nozzle when not been used for more than 20 seconds (earlier at higher component temperatures as 68°F).

Continued...



APPLICATIONS

- Thermal insulation
- Structural support
- Repair jobs
- Filling and sealing of voids and cracks

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SPECIFICATIONS

- UL certified (R21831)
- ICC-ES (TBD)
- NFPA 286 at 2 inch thickness with approved intumescent coating
- ICC-ES AC377 Appendix X at 2 inch thickness with approved intumescent coating
- ICC-ES AC377 Appendix Y at 2 inch thickness

CLEAN UP

Uncured sealant can be easily removed using a solvent such as alcohol or acetone. For an environmental and health friendlier choice use BOSS® 893 Biggie Wipes. If the sealant is cured it must be removed mechanically by cutting and scraping.

SHIPPING LIMITATIONS

None | Reactive VOC 26 g/L (<3% wt)

CAUTION

Both cylinders are under pressure. Do not puncture the cylinders, do not dispose before emptying. Avoid prolonged storage in direct sunlight or near heat sources.

Do not breathe vapors or spray. Use only in a well-ventilated area. Use proper protective clothing (e.g. impermeable coveralls, no skin should be exposed) and chemical resistant gloves. It is recommended to wear respiratory protection, according to OSHA requirements, while operating the BOSS® 2 Part HFO systems (e.g. half face mask respirator with appropriate filter) in combination with safety goggles. Check SDS for further information on personal protection and protection of the environment.

STORAGE AND SHELF LIFE

When stored in the original unopened containers at or below 90°F (32°C), **BOSS® 801** Pool & Spa Silicone has a shelf life of 12 months from date of shipment. In Countries where high heat and humidity are a factor, special precautions must be taken. Store product in a covered, well-ventilated warehouse and avoid excessive heat conditions. Storage in high heat, high humidity conditions may reduce shelf life by up to 30%. Rotation of stock is an absolute necessity. Cartons should always be stacked upright with the nozzle tip pointed upwards. **DO NOT** stack cartons on their side. **NEVER** stack cartons more than 8 high. **DO NOT** store within 1 meter (4 feet) of roofline of the warehouse or storage building

USERS PLEASE READ

The information and data contained herein is believed to be accurate and reliable; however, it is the user's responsibility to determine suitability of use. Since the supplier cannot know all the uses, or the conditions of use to which these products may be exposed, no warranties concerning the fitness or suitability for a particular use or purpose are made.

It is the user's responsibility to thoroughly test any proposed use of our products and independently conclude satisfactory performance in the application.

Likewise, if the application, product specifications or manner in which our products are used requires government approval or clearance, it is the sole responsibility of the user to obtain sure authorization.

Non-warranty: Because the storage, handling and application of the material is beyond Soudal Accumetric's control, we can accept no liability for the results obtained. Soudal Accumetric's sole limited warranty is the product meets the manufacturing specifications in effect at time of shipment. There is no warranty of merchantability or fitness for use, nor any other express or implied warranty. Soudal Accumetric will not be liable for incidental or consequential damages of any kind. The exclusive remedy for breach of such limited warranty is a refund of purchase price or replacement of any product shown to be other than as warranted.

Suggestions of uses should not be taken as inducements to infringe any patents.

TECHNICAL DATA SHEET

COLORS

- Champagne

PACKAGING

- 200 BF: 1 Box, 2 Canisters
- 200 BF: 2 Boxes, 2 Canisters
- 600 BF: 1 Box, 2 Canisters
- 600 BF: 2 Boxes, 2 Canisters

Limited Warranty: Buyer assumes all risks of use, handling and storage of product not in strict accordance with label directions. Liability for any incidental or consequential damage or loss is specifically excluded at all times. Any implied warranty of merchantability or fitness for particular use is excluded. Seller will not accept liability for more than product replacement.



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