

EXY 08

Open-Cell Spray Foam Insulation

Product Description

EXY 08 is cost-effective spray polyurethane foam insulation with open cell structure. **EXY 08** adheres directly to the substrate, forming a seamless and permanent layer. **EXY 08** creates an air barrier and improves indoor air quality. This foam provides excellent energy efficiency while significantly reducing the risk of moisture problems.

Product Use

EXY 08 is suitable for insulating roof constructions and walls, floors, ceilings, passive houses and wooden constructions. **EXY 08** can be used for interior and exterior insulations. Benefits: fast application, doesn't need mechanical anchoring, insulation of places which are difficult to reach.

Recommended Product Applications

- Walls
- Floors
- Ceilings
- Wooden buildings
- Attics
- Passive buildings
- Interior
- Exterior

Recommended Processing Parameters

Surface temp.	- 5°C to 0°C	10°C and more
Dynamic Pressure	1000-1200 psi	1000-1200 psi
Preheat temp.	49°C - 53°C	48°C - 53°C
Hose heat temp.	49°C - 53°C	47°C - 53°C
Drum temp.	21°C - 25°C	21°C - 25°C

Optimum hose pressure and temperature may vary as a function of the type of equipment, application and surface. It is the responsibility of the applicator to check the final foam quality, follow the technical instructions and properly set up the spraying technology according to technical literature. The surface must be cured, dry, free of loose dirt or any contaminants that may interfere with adhesion of any of the respective components.

Material shelf life:

6 months when stored within recommended temperature range. Unless otherwise specified

Physical Properties

Properties	Test Method	Value
Density (Core)	EN ISO 845	8 kg/m ³
Reaction Profile	EN 14315-1	CT: 1 s / GT: 2 s / Tft: 3 s
Closed Cell Content	ISO 4590	< 3,0 %
Thermal Conductivity at 10°C (initial)	EN 12667	0,039 W/m.K
Declared Aged Thermal Conductivity At 10 °C (λD)	EN 14315-1	0,039 W/m.K
Dimensional Stability (-20°C)	EN 1604	≤ 1,0 %
Dimensional Stability (75°C / 95% R.H.)	EN 1604	≤ 1,0%
Water vapour transmission (μ)	EN 1663	11,44
Water absorption	EN 1609	20 kg/m ²
Reaction to fire	EN 11925-2	Class E
	EN 15715:2010	Class B - s1,d0

Thickness EXY 08	R thermal resistance value (m ² .W/K)	Declared aged thermal conductivity (λD)
50 mm	1,29	0,039
60 mm	1,54	0,039
70 mm	1,80	0,039
80 mm	2,06	0,039
90 mm	2,32	0,039
100 mm	2,57	0,039
110 mm	2,83	0,039
120 mm	3,09	0,039
130 mm	3,35	0,039
140 mm	3,60	0,039

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These values refer to the total thickness of the product tested. The maximum thickness allowed per pass or application must not exceed of 15 cm per expanded foam. The foam should be allowed to cool for 15 minutes before additional applications of foam are attempted. Foam applied without allowing for cooling may result in excess heat build-up and result in fire or the generation of offensive odors that may not dissipate with time.

Handling and Safety

Respiratory protection is MANDATORY! HONTER requires that supplied air and a full face mask be used during the application of any spray applied foam system. Contact HONTER for a copy of the Model Respiratory Protection Program or visit their web site at <http://osha.europa.eu/en/>. Persons with known respiratory allergies should avoid exposure to the "A" component. The "A" component contains reactive isocyanate groups. The materials must be handled and used with adequate ventilation. Avoid breathing vapors. Wear an approved full face mask. If inhalation of vapors occur, remove victim from contaminated area and give oxygen, if breathing is difficult, call a physician immediately. Avoid contact with skin, eyes, and clothing.

Open drums carefully, allowing any pressure to be relieved slowly and safely. **Wear chemical safety goggles and nitril gloves when handling or working with these materials.** In case of eye contact flush with plenty of water for at least fifteen minutes and consult with doctor immediately. In case of skin contact, wash area with soap and water. Wash clothes before reuse.

Storage

Drums must be stored closed very well on a pallet. This product is very sensitive to moisture. Recommended storage temperature is 15°C to 22°C. The temperature should not reach above 30 °C. Recommended working drum temperature is 20+°C

In Case of Spills or Leaks Steps To Be Taken

- Utilize appropriate personal protective equipment (PPE).
- Contain and cover spilled material with a loose, absorbent material such as oil-dry, vermiculite, sawdust or Fuller's earth.
- Shovel absorbent waste material into proper waste containers.
- Wash the contaminated areas thoroughly with hot, soapy water.
- Ventilate area to remove vapors.
- Report sizeable spills to proper environmental agencies

In Case of Fire

Extinguishing Media-Dry chemical extinguishers such as mono ammonium phosphate, potassium sulfate, and potassium chloride. Additionally, carbon dioxide, high expansion (proteinic) chemical foam, or water spray for large fires

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