

Spray applied polyurethane foam system

PRODUCT

weberdry SPF 45 is a two-component, spray applied polyurethane foam that is used to produce spray foam insulation in multi layers for roofing, wall and basements.

PROPERTIES

- Roof applications
- Wall and basements insulation
- System can be used on roofs made of metal, concrete and wood

ADVANTAGES

- Spray applied
- Joint free insulation
- Fully bonded
- Fast application

CHARACTERISTICS

Mixing ratio	1:1 by weight
Apparent density BS EN 1602	44-48 kg/m ³
Compressive strength ASTM C 165	above 300 KPA
Initial Thermal conductivity ASTM C 518	0.023 W/mk
Fire classification (DIN4102-1)	B3
Water absorption ASTM C 209	0.56% by volume
Substrate & ambient temperature	between 25°C and 50°C

INSTRUCTIONS FOR USE

weberdry SPF 45 is designed for processing on high and low pressure machines that are able to work at mixing ratio 1:1 by volume.

Applicators must anticipate climatic conditions prior to application to ensure highest quality foam. Ambient air and substrate temperatures, moisture and wind velocity are all critical determinants of foam quality.

To obtain optimum results, **weberdry SPF 45** should be spray applied to substrates when ambient air and surface temperatures are between 25°C and 50°C. All substrates must be free of dirt, soil, grease, oil and moisture.

Application should not take place when the ambient temperature is within 3°C of the dew point. It is the responsibility of the applicator to properly interpret equipment technical literature, particularly information that

PACKAGING

Leb	Syria	Jordan	UAE	Qatar	Kuwait	KSA	Oman
-	-	-	470 kg	-	470 kg	470 kg	470 kg

Part A : 250 kg
Part b: 220 kg

relates acceptable combinations of gun chamber size, proportional output, and material pressures. This system is usually applied by Specialist applicators.

STORAGE

Shelf life from time of delivery if stored in sealed moisture tight containers:
Part A: 12 months.
Part B: 6 months.
Recommended storage temperature : 15-35°C.

SAFETY PRECAUTIONS

Respiratory protection is mandatory. Avoid contact with skin, eyes, and clothing. Open containers carefully, allowing any pressure to be relieved slowly and safely. Wear chemical safety goggles and rubber gloves when handling or working with these materials. In case of eye contact, immediately flush with large amounts of water for at least fifteen minutes, consult a physician immediately. In case of skin contact, wash area with soap and water. Wash clothes before.

DISCLAIMER

While the company guarantees its products against defective materials, the use and application of these products are made without guarantee since the conditions of their application are beyond its control. It is recommended to verify with the company that the product is suitable for the intended use, and that this Data Sheet version is the latest one. The company may modify it without prior notice. Technical characteristics are listed for guidance only. For more information, please contact the company's office in your location.

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