WATERPROOFING
ACCESSORIES PRODUCT

ALSAN FOAM
UNI W

TECHNICAL DATA SHEET 220406SCANE (supersedes 210413SCANE)

DESCRIPTION

ALSAN FOAM UNI W is a one-component, moisture curing, PU foam for very cold conditions (-25°C [-13 °F]). It is a multi-purpose foam providing thermal and sound insulation. It possesses excellent adhesion to most construction materials such as concrete based materials, brick, wood, aluminum, galvanized and steel cladding. It can also be use over SOPREMA SOPRASEAL membranes and RESISTO smooth surface membranes such as door and window membranes. It is suitable for indoor and outdoor applications.

ALSAN FOAM UNI W has been developed for winter conditions (-25°C [-13 °F]), fixing and insulating of door and window frames, filling and sealing of gaps, joints and cavities, filling of penetrations in walls and insulating electrical outlets and water pipes. ALSAN FOAM UNI W is over paintable, mold proof and waterproof.

SURFACE PREPARATION

Before application, be sure that surfaces are clean, homogeneous and free from all contamination (oils and grease, dust and loose or friable particles). Cement laitance must be removed. Dry and porous surfaces should be moistened with water.

Can recommended temperature for application is 5 to 25°C (41 to 77 °F). Optimal can temperature is around +20°C (68 °F). If the can temperature is lower put the can into warm water (around 35-40°C [95 to 104 °F]) for 40min.

APPLICATION

Application temperature : -25 to 30 °C (-13 to 86 °F) Service temperature : -40 to 80 °C (-40 to 176 °F)

Shake the can containing ALSAN FOAM UNI W before its use. Screw the can onto an application gun. Press the trigger of the gun to let the foam flows. Shake regularly during the application. Always keep the can upside down during application. At short work interruptions (less than 48 hours) the can can be left screwed onto the gun, but screw on the back side of the gun must be tightened. The can must be under pressure, otherwise the foam will harden in the gun. Do not fill the entire gap to allow the foam increasing. Expansion may vary depending on ambient temperature and humidity level. In dry conditions, it is recommended to fill gaps in several smaller layers (≤ 1"). Ensure that each layer is allowed to cure and expand sufficiently.

Read manufacturer's gun instructions for a perfect usage of the application tool.

RESTRICTION(S)

ALSAN FOAM UNI W is not suitable for PE, silicone and PTFE substrates.

FOR COMPLETE INFORMATION ON PRODUCT INSTALLATION, PLEASE CONTACT SOPREMA OR RESISTO

PACKAGING

Specifications	ALSAN FOAM UNI W
Physical state	Liquid
Chemical Base	One component polyurethane
Colour	Light yellow
Yield	60 Liters (16 Gal.) for a 850 ml can (Gw. 1000 gr / 35 oz.)

Note : Yield is approximate and may vary due to the application technique, surface roughness, temperature and humidity.
(All values are nominal)

SYSTÈME QUALITÉ ISO 9001 QUALITY SYSTEM

SYSTÈME ENVIRONNEMENT ISO 14001 ENVIRONMENT SYSTEM

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PROPERTIES

Properties	ALSAN FOAM UNI W
Density (foam)	21 kg/m^{3}l
Curing system	Moisture
Skinning time	6 min (+23 °C / 50 % R.H.)
Curing time	24 hours (+23 °C / 50 % R.H.)
Fire class	Class 1 - CAN/ULC-S710.1
Thermal condictivity	0.036 W/m.K (@20 °C)
Compression strength	0.03 MPa

(All values are nominal)

CLEANING

At longer work interruptions, clean the gun with **ALSAN FOAM CL-F** (cleaner).

STORAGE AND HANDLING

This product may be kept for a period of 15 months from date of production if stored in undamaged original and unopened packaging Store in dry conditions and protected from direct sunlight at temperatures between +5°C and +25°C.

For more information and advice on the safe handling, storage and disposal of the chemical products, users shall refer to the most recent Safety Data Sheet (SDS) containing physical, ecological, toxicological and other safety related data.