

LOTUS S4 SEALANT



PRODUCT DESCRIPTION

Lotus S4 Sealant is a single component, ready to use, polyurethane based sealant with elastic structure and reacts with atmospheric moisture curing. It is used for both horizontal and vertical joints and cracks.

ADVANTAGES

- › Suitable for outdoor usage
- › Resistant to extreme weather and temperatures (-30°C/+120°C)
- › UV resistance
- › Paint applicable
- › Resistance to different weather conditions (-30°C/+120°C)
- › Perfect adhesion
- › Create smooth surface

TECHNICAL DATA

PROPERTY	SPECIFICATION	UNIT	STD. METHOD
Density	1.30-1.40	g /	ASTM D1475 / DIN 53217 / ISO 2811, @ 20°C
Hardness	25-35	Shore A	ASTM D2240 / DIN 53505 / ISO 868
%Elongation	>500	%	ASTM D412 / EN-ISO-527-3
Stress at 100% elongation	0.80-1.20	MPa	ASTM D412
Touch time	60	min	Conditions: 20 °C 50% RH
Shorter hardness (24 hours)	2-2,5	mm	
Hardening time (For 2mm thick) (hour)	24-26	hours	
Max. Derz. Range	4±0,2	cm	

USES

› It is used at interior and exterior expansions joints in buildings, all vertical & horizontal dilatations between prefabricated elements in high buildings, towers, terrace dilatations, wood, metal based joints as a joint waterproofing sealant.

APPLICATION

- › Surface preparation: the joint edges must be clean, all oil, dust, dirt, and any other materials that may be used before must be removed.
- › Joint edges must be dry and Mastic should not be applied to wet areas.
- › Lotus S4 Sealant can be applied without primer application. Backer rod must be used for filling to avoid adhesion of sealant to the bottom of joint edges.

› For hand applications; place the sealant Lotus S4 Sealant into the gun and inject the sealant into the joint without causing any air bubble.

EQUIPMENT CLEANING

› Wet sealant can be cleaned with ethyl acetate or other suitable solvents. Dry sealant only removed by mechanical applications.

Storage: Kept in sealed drums, storage temperature should be normal room temperature to ensure max shelf life (12 Months). Production date is on label.

SAFETY MEASURES

Lotus S4 Sealant contains isocyanates. See information supplied by the manufacturer. Please study the Safety Data sheet. PROFESSIONAL USE ONLY.