



SealXtra LM

Single Component Polyurethane Sealant

DESCRIPTION **SealXtra LM** is a gun grade, single component, moisture cure polyurethane based low modulus sealant that cures to form a tough but highly elastomeric sealant.

STANDARDS ASTM C920 Type S, Grade NS, Class 25, NT

USES **SealXtra LM** is specially formulated to be used for sealing movement and control joints. It can also be used to seal framework of windows and doors. It is permanent flexible seal for movement joints in buildings, pre-cast panels, curtain and panel walls, connecting joints, perimeter joints, acoustic jointing, marble, granite and G.R.C. facades.

ADVANTAGES

- Forms elastomeric seal accommodating cyclic movements
- Fuel and chemical resistant
- Excellent weather resistance
- Single component and ready to use
- Good adhesion on variety of surfaces
- Excellent ageing resistance
- Suitable for both horizontal and vertical joints
- UV resistant, non staining and non yellowing
- Can be painted over

TYPICAL PROPERTIES at 25°C

PROPERTY	TEST METHOD	VALUE
Component	-	Single
Mixed Form	-	Paste
Colour	-	Grey and White (Other colours available on request)
Shore A Hardness	ASTM C661	20 +/-3
Application Life	BS 5212	60 minutes
Tack free time	ASTM C679	< 72 hrs
Full Cure	-	7 days (depending on thickness and atmospheric conditions)
Rheology (Sag Test)	ASTM C639	Non-Sag
Staining	ASTM C510	Non-Staining
Service Temperature	-	-30°C to +80°C
Chemical Resistance	ASTM D543	Resistance to various chemicals like mild acids, alkalis, fuels, grease, petrol, etc
Movement Accommodation Factor	ASTM C719	25%



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JOINT PREPARATION

Joint surface must be clean, dry, free of dust, grease, curing compounds, etc. New concrete joints must be dry and at least 3 weeks old. In case of old joints, traces of previous sealant and other contaminants should be removed by mechanical means to ensure a clean surface. Insert firmly, closed cell backer rods in the joints. **Conmix Backer Rods** are recommended because of their superior support to sealant. The diameter of the backer rod should be approximately 20 to 25% larger than the width of the joint. Generally the joint depth should be equal to or half of its joint width (W : D = 2:1 or 1:1). Weak edges the joint should be strengthened by dressing with epoxy mortar maintaining joint size proportions.

PRIMING

Joint surfaces should be primed with **SealXtra Primer** before application of sealant. Joints must be completely dry before applying the primer. Brush apply primer only to vertical parallel surfaces of joint. Excessive application and puddling of primer should be avoided.

APPLICATION

Cut the tip of the sausage and load it into the cartridge. Apply by using a professional caulking gun. Apply **SealXtra LM** in a continuous operation using positive pressure from the bottom of the joint to properly fill and seal the joint. While applying, avoid air entrapment and overlapping. Ensure that sealant adheres to parallel sides of joint and not to the base, avoiding three point contact. Use a concave profile tool to finish the sealant before the skin forms. Once opened, it is recommended to use the sausage in single application.

PACK SIZE

600 ml sausage

COVERAGE

General guideline for material consumption.

Joint Size (W : D) in mm	Running mtr / 600 ml
10 x 10	6.00
20 x 10	3.00
20 x 20	1.50
30 x 20	1.00
30 x 25	0.80
30 x 30	0.66
40 x 20	0.75
40 x 30	0.50
40 x 35	0.43
40 x 40	0.37

Allowance for wastage may be considered.

LIMITATIONS

SealXtra LM is not recommended to be used for joints in areas, permanently submerged in water or other liquids and glazing applications. For over coating with paints, compatibility of the paint and sealant should be checked.



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GENERAL INFORMATION	Shelf Life	12 months from date of manufacture, if stored properly in original unopened packing under warehouse conditions. Extreme temperature / humidity may reduce shelf life.
	Cleaning	Clean all equipments and tools with Conmix Cleaner .
HEALTH and SAFETY	PPE's	Gloves, goggles and suitable mask must be worn.
	Precautions	Contact with skin, eyes, etc. must be avoided.
	Hazardous	Non - Hazardous for transportation.
	Disposal	To be disposed off as per local rules and regulations.
	Additional Information	Refer MSDS. (Available on request.)
TECHNICAL SERVICE	CONMIX Technical Services are available on request for onsite support to assist in the correct use of its products.	

Manufacturer:
CONMIX LTD.
 P.O. Box 5936, Sharjah
 United Arab Emirates
 Tel: +971 6 5314155
 Fax: +971 6 5314332
 Email: conmix@conmix.com

Sales Office:
 Tel: +971 6 5682422
 Fax: +971 6 5681442
www.conmix.com



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