



SealXtra PU

Polyurethane Joint Sealant

DESCRIPTION	SealXtra PU is a pourable, two component, elastomeric polyurethane based sealant which chemically cures to form a high performance, durable, flexible, watertight seal.
STANDARDS	ASTM C920 Type M, Grade P, Class 25, BS 5212
USES	SealXtra PU is used to seal movement joints and perimeter joints in concrete floor and pavements. Typical applications include airport runways, highways, industrial floors, parking decks, fuel storage areas, buildings, etc.
ADVANTAGES	<ul style="list-style-type: none"> • Good movement accommodation • Suitable for use in aggressive environments • Chemical, oil, fuel and hydraulic fluid resistant • UV resistant • Stable at extreme temperatures and humidity conditions • Available in various colours

TYPICAL PROPERTIES at 25°C

PROPERTY	TEST METHOD	VALUE
Component	-	Two: Part A-Base Part B-Hardener
Mixed Form	-	Paste
Colour	-	Grey and White (Other colours available on request)
Shore A Hardness	ASTM C661	25 +/-3
Application Life	BS 5212	40 +/- 10 minutes
Tack free Time	ASTM C679	< 48 hrs
Full Cure	-	7 days
Staining	ASTM C510	Non Staining
Service Temperature	-	-20°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%

JOINT PREPARATION	<p>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 Rod is recommended because of its 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). At weak edges the joint</p>
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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 surfaces of joint. Excessive application and puddling of primer should be avoided.

MIXING

Add entire quantity of Part B to Part A and mix thoroughly using slow speed drill with paddle. Avoid air entrapment during mixing. Mix until homogeneous consistency and uniform colour is obtained.

APPLICATION

Pour the mixed **SealXtra PU** into the prepared joint in a continuous operation. Agitate the pored sealant to allow entrapped air to escape. While applying the sealant, avoid air entrapment. 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 mixed, it is recommended to use the entire contents in a single application.

PACKAGING

Pouring Grade: 4.0 ltr set

COVERAGE

General guideline for material consumption.

Joint Size (W : D) in mm	Running mtr / Pack of 4 ltr
10 x 10	40.00
20 x 10	20.00
20 x 20	10.00
30 x 20	6.66
30 x 25	5.33
30 x 30	4.44
40 x 20	5.00
40 x 30	3.33
40 x 35	2.86
40 x 40	2.50

Allowance for wastage may be considered.

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.



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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.

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