



SealXtra PS

Elastomeric Polysulphide Joint Sealant

DESCRIPTION **SealXtra PS** is a two component polysulphide sealant that cures chemically to form a durable, flexible, watertight seal capable of accommodating dynamic joint movements. It is available in two forms: Gun Grade (GG) and Pouring Grade (PG).

STANDARDS ASTM C920 Type M, Grade P (pouring grade) and NS (gun grade), Class 25, BS: 4254

USES **SealXtra PS** is used to seal movement joints, expansion joints, isolation joints, construction joints, perimeter gaps in buildings and civil engineering structures. Typical areas of applications include parking decks, plazas, high rise buildings and malls, driveways, factory and warehouse floors, fuel storage areas, basements, reservoirs, subways, etc.

ADVANTAGES

- Elastomeric, reduces stress on the bond line
- Excellent adhesion to substrates
- Meets requirements of most international standards
- Good ageing resistance, excellent chemical and weathering resistance
- Can accommodate continuous and cyclic movement

TYPICAL PROPERTIES at 25°C

PROPERTY	TEST METHOD	VALUE	
		Gun Grade (GG)	Pouring Grade (PG)
Component	-	Two: Part A-Base Part B-Hardener Supplied in single container	Two: Part A-Base Part B-Hardener
Mixed Form	-	Thixotropic Paste	Pourable Paste
Colour	-	Grey	Grey
Shore A Hardness	ASTM C 661	25 +/-3	20 +/-3
Application Life	BS 5212	130 minutes +/- 10	40 minutes +/- 10
Tack Free Time	-	5 hrs	2-3 hrs
Full Cure	-	7 days	
Solid Content	-	100%	
Staining	ASTM C 510	Non Staining	
Movement Accommodation Factor	ASTM C 719	25%	
Service Temperature	-	-15°C to +80°C	
Chemical Resistance	ASTM D 543	Resistance to various chemicals like mild acids, alkalis, fuels, grease, petrol, etc	

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



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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). At 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 surfaces of joint. Excessive application and puddling of primer should be avoided.

MIXING

Add entire quantity of Part B to Part A (in case of Pouring Grade) and mix thoroughly using slow speed drill with paddle.

In case of Gun grade, both the components are supplied in the same container. Mix contents of the container well, till uniform consistency is achieved.

APPLICATION

For Pouring Grade (PG): Pour the mixed **SealXtra PS** (PG) into the prepared joint in a continuous operation. Agitate the pored sealant to allow entrapped air to escape.

For Gun Grade (GG): Load the mixed **SealXtra PS** (GG) into the cartridge. Apply by using a professional caulking gun. Apply sealant in a continuous operation using positive pressure from the bottom of the joint to properly fill and seal the joint.

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 single application.

PACK SIZE

Gun Grade : 2.5 ltr set

Pouring Grade: 4 ltr set

COVERAGE

General guideline for material consumption.

Joint Size (W : D) in mm	Running mtr / Pack of 4 ltr	Running mtr / Pack of 2.5 ltr
10 x 10	40.00	25.00
20 x 10	20.00	12.50
20 x 20	10.00	6.25
30 x 20	6.66	4.16
30 x 25	5.33	3.33
30 x 30	4.44	2.78
40 x 20	5.00	3.13
40 x 30	3.33	2.08
40 x 35	2.86	1.78
40 x 40	2.50	1.56

Allowance for wastage should be considered.



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LIMITATIONS

Not recommended for use in direct contact with materials containing pitch or bitumen.
Not recommended for use in highly chlorinated water.

SealXtra PG pouring grade can not be used for vertical joints due to its consistency.

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.

Hazard

Regarded as non-hazardous for transportation.

Disposal

Do not reuse containers. 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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