



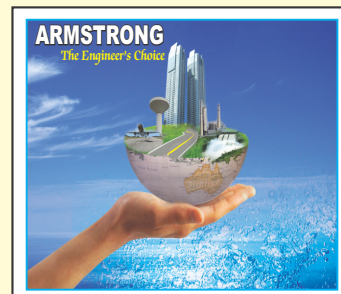
ARMSTRONG CHEMICALS PVT. LTD., Bengaluru
An ISO 9001 Certified Company



Single component polyurethane sealant (Gun grade / Pour Grade)
Complies IS : 11433 (1985) : ASTM C 920-87 : B.S. 5212 and AS 4020:2018

DESCRIPTION OF THE PRODUCT

ROOFEXSEAL PU is a low modulus, single component, high performance a polyurethane sealant. When cured it will form a tough, flexible seal, capable of cyclic expansion and compression movement of 50% ($\pm 25\%$) of the original joint width. ROOFEXSEAL PU is virtually unaffected by normal weathering conditions such as rain, sunlight, snow, sleet, ultra- violet radiation, ozone, atmospheric contamination and pollution. Its excellent weather ability even at 40°C to 70°C range, enables it to retain its original properties after years of exposure.



RECOMMENDED USES

- Sealing of floor joints.
- Sealing of Granite, sand stone and marble pointing .
- Sealing of plats, stairs, roads, runways, aprons and pavement joints.
- Horizontal /Vertical – Precast, Block work, plaster board façade and cladding pannels and most common building substrates.
- Sealing of construction and expansion joints.
- Perimeter sealing of door and window framing. • Potable water tanks.

FEATURES & BENEFITS

- ★ Low modulus 50% ($\pm 25\%$) (ASTM C 719)
- ★ High bond strength
- ★ Paintable (refer limitations)
- ★ Excellent resistance against hydrolysis, ageing and a wide range of chemicals.
- ★ Resistance to fungal attack (AS 1157.2)
- ★ Resistance to chemicals used in service stations, diluted acids, alkalies etc.,
- ★ Excellent primerless adhesion to concrete, timber, masonry, bricks, aluminium, metal and ceramics.
- ★ Excellent durability
- ★ One component
- ★ Non staining
- ★ Easy to gunout.
- ★ Low odour

PROPERTIES

1	Colour	Grey
2	Tack Free time (Minutes)	50 Minutes
3	Rate cure in mm / 24 Hrs	3.5
4	Hardness shore A	50
5	Tensile Strength	2.5 – 3.0 N/mm ²
6	Joint Movement (ASTM C 719)	+ 25%
7	Elongation at break	> 600 %
8	Application Temp	5°C to 35°C
9	Temp Resistance	- 30°C to + 70°C
10	Cure System	Moisture Curing
11	Full cure	7 days
12	Flammability	Non Flammable
13	Acoustic properties	Excellent
14	VOC Content	103.6 g / liters

APPLICATION INSTRUCTIONS

Clean properly all surfaces by removing foreign matter, dust, loose particles and contaminants such as oil, dust, grease, frost, water, surface dirt, oil sealants and any protective coatings. Non porous and plastic surfaces should be cleaned by solvent or mechanical means. Cleaning solvents should not be allowed to air dry evaporate without being wiped with a clean, dry cloth.

APPLICATION

ROOFEXSEAL PU - when used as an adhesive or sealant should be dispensed from either the cartridge or sausage sachet by means of a hand or air operated caulking gun designed for such application. Pierce the membrane from the top of the cartridge and screw on the supplied nozzle. Having previously cut this to give the required angle and bead size. Place the cartridge in a suitable extrusion gun and press the trigger. For sausages, a barrel gun is required, this is available from Armstrong. Clip the end of the sausage and place complete sausage with pierced end located at the top of the nozzle. Screw top of the nozzle and housing on barrel of gun. Using the trigger on the gun extrude product from the sausage to stop product flow, using the thumb depress the catch plate mechanism located at the very rear of the gun, directly above the trigger. Apply ROOFEXSEAL PU in a continuous operation using positive pressure adequate to properly fill and seal a cavity.

PROPERTIES

Pack Size	Lineal Metres 5mm x 6mm joint	Lineal Metres 20mm x 10mm joint
600ml Sausage	20	4.4

Calculation formula : $(W \times D \times L) / 1000$ – Litres

Litres / 0.6 = No. of 600ml Sgs.

W = Width (mm) D=Depth (mm) L – Length (meters)

SHELF LIFE : 6 month from the date of manufacturing.

PACK : 600ml Pack

ARMSTRONG products are tested, approved and extensively used in the works of CPWD., State PWDs', Irrigation, Housing Boards, Thermal / Hydel Power Projects, Steel Projects, Road Projects, Water works Projects, MES, Railways & Scores of important projects Internationally.

Whilst **ARMSTRONG CHEMICALS PVT. LTD.** strives to ensure that any advice, information or recommendation given are appropriate and correct. It cannot accept any liability directly or indirectly arising out of the use of products since the method and place of application of the products are beyond its control.



ARMSTRONG CHEMICALS PVT. LTD.

An ISO 9001 : 2015 Certified Company



36/1, G-5, New International Airport Road, Ganga Nagar, BENGALURU - 560 032.

E-mail : armstrongchemicals@gmail.com; Web : www.acpl.live | www.armstrongchemicals.in

Please Contact for Customer Care Information : **08095621122** Toll Free No. **1800 103 2034**

Authorised Distributor / Stockist

ARMSTRONG CHEMICALS
TRUSTED AND ACCLAIMED FOR ITS
MULTIPLE ACTION PERFORMANCE

ARMSTRONG

