



ISO American Global Standards
Certified ARMSTRONG's Product

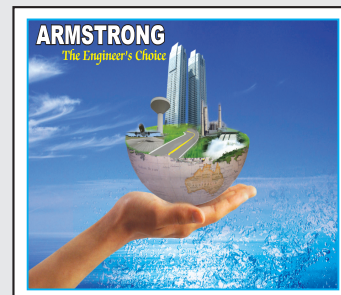


(Two Part Polysulphide Sealant (Gungrade / Pour grade)

Complies with C-920-87 DIN – 18549 TT-S-00227 E BS – 4254 – 83)

DESCRIPTION OF THE PRODUCT

Two component sealant polysulphide liquid polymer. It consists of a 'Base' compound and accelerator (Curing agent). When the two components are mixed together prior to application, chemical reaction is initiated which cures 'insitu' to firm. Flexible rubber like seal with excellent adhesion to concrete, masonry, wood, glass, acrylic and PVC plastics. It is capable of withstanding repeated extension, compression and cyclic movements without loss of adhesion and resists deterioration by weathering, sunlight, ozone, water, salt, oils and fuels.

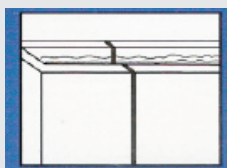


It is far superior to all conventional joint sealing material like bitumen, mastics, metallic channels of expansion sheets. ROOFSEAL PS (Gun Grade) is a non-sag material used for sealing horizontal, vertical and ceiling joints. (ROOFSEAL PS Pour Grade) is pourable and self leveling material used for sealing of horizontal joints only.

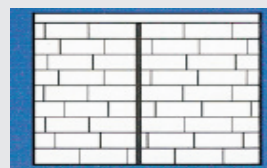
RECOMMENDED FOR :



Expansion Joints in Buildings



Potable water retaining structures



Internal Structural Seals



Roads & Highways

TECHNICAL INFORMATION :

JOINT SIZE SUITABILITY :

Joint Width : Minimum 6mm
Maximum 25mm (Single Application)
50 mm (Multiple Application)

DESIGN JOINT WIDTH :

Butt joint : Expected movement x 4.33
Lap Joint : Expected movement x 2
Joint width: Minimum (porous substrate) 10mm
(Floors) 12mm
Minimum (non-porous substrate) 6mm
(Floors) 12mm
Maximum 25mm

WIDTH : DEPTH RATIO :

(Within above minimum / maximum restrictions)
2:1 for Butt joints 1:1 for Lap / floor joints

MOVEMENT FACTORS :

Butt joints : (movement in tension & compression) 30%
Lap joints : (movement in shear) 50%



SPECIFIC RESISTANCES : UV - Resistance : Good

Chemical Resistance : Resistant to most alkalis and dilute acids, petrol, diesel or jet fuel and many solvents and vegetable oils.

Flammability : ROOFSEAL PS burns, but will not readily ignite ; it does not therefore constitute a fire hazard.

SERVICE TEMPERATURE : -40°C to +80°C

PAINTABILITY : ROOFSEAL PS can be painted, but excessive joint movement may cause the paint to crack and could induce tears in the sealant.

CURING TIME : 7 days at 20°C

COLOUR AVAILABLE : Grey (Black and Mahogany available to special order in Gun Grade only)

QUANTITY ESTIMATION FOR PRIMER : Porous & Non-porous Primer : 25mtrs. per 250ml Tin

SERVICE LIFE & MAINTENANCE : Anticipated life : 20 Years +

Correctly applied, the sealant should not require maintenance. However, sealant that has become damaged can be replaced by cutting out the affected area, cleaning and priming the joint surface and applying fresh sealant as in the manufacturers specification.

| | | | |
|------------------|-----------------------------|---|-------------------------------|
| PRIMING : | ROOFSEAL PS Porous Primer | : | ROOFSEAL PS Non Porous Primer |
| | Brick / Concrete | : | Stainless Steel |
| | Natural Stone | : | Glass |
| | Stained timber Frame | : | Glazed Tile (Face) |
| | Glazed Tile (unglazed edge) | : | |

Neither Primer is appropriate for PPC Aluminum / Steel, lead, Galvanized Steel, GR Cement, Mill finished / Anodized Aluminium or PVC-U.

PACKING : 1 Kg., 4 Kg. or 2.5 Ltrs.

HEALTH & SAFETY :

The curing agent of Gun-Grade ROOFSEAL PS contains Manganese Dioxide. The Pouring Grade Base is labeled as "Irritant". The Pouring Grade Curing Agent is labeled as "Harmful".

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.



Manufacturers :

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An ISO 9001 : 2008 Certified Company

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