



OVERVIEW

GRIPSEAL PS – GG is a two-component poly-sulphide sealant which, when mixed cures to form an elastic rubber. It gives excellent adhesion to glass, metal, concrete, masonry, wood, and plastic. It's capable of withstanding repeated extension and compression without any loss of adhesion. **GRIPSEAL PS - GG** gives outstanding resistance to deterioration by weathering, oils, fuel, water, UV exposure, ozone, etc., and remains unaffected by most alkalis and diluted acids.

PROPERTIES

- Non biodegradable & non-staining.
- Excellent chemical & weathering resistance.
- High movement accommodation.
- Excellent adhesion to most surfaces.
- Non-s slump up to 25mm.
- Available in gun and pouring grades.

AREAS OF USE

- Sealing joints in buildings and structures that are subject to movements
- Expansion joints, compression joints, structural joints, and joints in in-situ concrete i.e. reservoirs
- Sealing of joints in cladding, profiled cement-based sheeting, and metal sheets.

Joint Preparation :

Masonry - Ensure that surfaces are clean and dry. Any loose particles should be removed with a wire brush followed by blowing out with compressed air.

Concrete - Remove any loose particles with a wire brush. If the surfaces are heavily contaminated with mold release or curing agents, it may be necessary to mechanically abrade them. Any loose particles remaining should be blown out with compressed air.

Metal - Surfaces should be free from scale, Corrosion, and any temporary protective coatings or grease. It may be necessary to wire brush the joints. Clean with a suitable solvent.

Wood - It is important that the sealant is applied to the base surface. Previously applied paint or primer must adhere permanently or be removed.

Priming :

Apply a single coat of primer with a brush. Allow the Primer to dry for a minimum of 1 hour. If the sealant is not applied within a further 2 hours, re-priming will be necessary. Primer requirement: Porous surfaces (concrete, masonry, etc.) Primer No. 1. Nonporous surfaces (glass, glazed surfaces) Primer No. 2.

Joint fillers :

Where applicable, the suitable joint filler should be used to partially fill the joint in order to provide the correct depth to the sealant. A suitable material is a closed-cell Xlinked polyethylene strip or cord.

Masking Tape

Masking tape may be used to improve the neatness of the finished seal by protecting the face edges of the joint. This should be removed immediately after the **GRIPSEAL PS - GG** has been applied.

Mixing :

Combine the base and curing agent and use a slow speed electric mixer (drill) fitted with a suitable paddle to stir until a homogenous mix is obtained. Ensure that the mixing paddle is taken around the sides of the tin so that every particle of material is thoroughly mixed. A pallet knife should be used to scrape around the inside of the tin to return any unmixed sealant to the mass of material.

GRIPMIX provides an extensive range of products and services for most concrete and finishing needs. Please contact the GRIPMIX for Building Construction Materials Trading Co. LLC-Dubai for further information, samples, demonstrations and instructor services. The information presented in this leaflet is based upon laboratory research, as well as comprehensive field work and application. All products are sold subject to standard conditions of sale which are available on request. This information is based on GRIPMIX's current state of knowledge and is intended to provide general information on GRIPMIX's products and their methods of use. The potential user is recommended to determine the suitability of GRIPMIX's suggestions and products before adopting them on a commercial scale.



GRIPSEAL PS - GG

Two component Poly-sulphide construction / Expansion joint sealant

Application :

By pouring, a gun or knife according to the grade. When using a bulk-loading gun, place it over the center hole of the filler plate. Apply steady (downward pressure) whilst drawing the rod of the bulk loading gun. This will result in the barrel being filled. Extrude the sealant firmly into the joint by maintaining an even pressure on of the gun. Ensure complete filling of the joint to avoid slumping. Clean the gun nozzle occasionally to avoid contamination.

Health & Safety:

GRIPSEAL PS – GG contains no hazardous substances. As with all chemical products, caution should always be exercised, such as gloves and goggles should be worn. Treat any splashes to the skin or eyes with fresh water immediately.

Tooling & Finishing :

To obtain a smooth finish, tool the sealant with a spatula wet with dilute detergent. This breaks air bubbles and exposes any air pockets present whilst compressing the sealant and promoting adhesion to the joint sealant.

Packing & Storage :

Packing: 4 liters unit for pouring grade; 2.5 liters unit for gun grade Up to 12 months in manufacturer's sealed containers stored in a cool dry place and away from high temperature (less than 35 °C). Reseal the container after use and ensure the product is stored as instructed on the label.

GENERAL DATA :

Depth of joint:	Width of joint in mm				
	10	15	20	25	30
10	10.00m	6.70m	5.0m	-	-
15	-	4.40m	3.30	2.60m	2.30m
20	-	-	2.50m	2.00m	1.60m
25	-	-	-	1.60m	1.333

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TECHNICAL DATA

Product	Non-slump wall tile adhesive.
Standard Confirms	BS: 4254-1983; BS5212-1990 ASTM C920-87,type M,Class 25
Appearance	White or Grey; Foam:Two part paste Compound
Application Temp	5 oC to 50 oC
Service Temp	-40 oC to 90 oC
Elongation	600%
UV Resistance	Excellent
Shore A Hardness	25
MAF	+ 25% in a butt joint
Solid Content	>99%
Curing	7Days
Toxicity	Non-Toxic