

weber seal PS 1000 GG/PG (Qatar)

Formerly "Jointseal.PS 1000 GG/PG"

WATERPROOFING

Two-component polysulphide joint sealant

PRODUCT

weber seal PS 1000 GG/PG is a two part polysulphide high grade sealant rubber like, with an outstanding resistance to deterioration due to weathering, ozone, ultra-violet exposure and chemical attack. It has the ability to withstand repeated cycles of compression and expansion over a wide temperature range, and has excellent adhesion properties to all materials commonly used in building and construction work.

weber seal PS 1000 GG/PG two part polysulphide can be supplied in pouring and gun grade for sealing horizontal and vertical joints where structures are subject to high rapid movement and where the performance specification is highly rigorous. It has an excellent stain resistance and is non-toxic once cured.

SCOPE OF USE

It is ideal for uses in expansion joints in reinforced concrete structures such as bridges, reservoirs, water treatment works, sea walls, roads and subways...etc.

It can also be used in floor subject to heavy usage where a high resistance to damage is required.

CHARACTERISTICS

Appearance	Thixotropic paste, rubber like solid when cured
Colour	Grey
Full cure time	14 days at 25 °C 7 days at 30 °C
Pot Life	2-3 hrs at 30 °C
Tack free	within 24 hrs at 25 °C
Hardness shore A	20 at 25 °C
Movement Accommodation Factor (MAF)	± 25 %
Resistance to Fuels solvents and oil	Very Good (PG&GG)
Flame Resistant	Excellent (PG)

APPLICABLE STANDARD

- **weber seal PS 1000 GG** complies with BS 4254-1983.
- **weber seal PS 1000 PG** complies with BS 5212 (1990).

INSTRUCTIONS FOR USE

JOINT SIZE

Joint size may range from a minimum of 5 mm to a maximum of 50 mm wide. Joints with cyclic movements should have a width: depth ratio of 2:1 and designed so as total movement does not exceed the 25% MAF related to the



PACKAGING

Leb	Syria	Jordan	UAE	Qatar	Kuwait	KSA	Oman
-	-	-	-	4 Kg	-	-	-

*6.5 Kg available for weber seal PS 1000 PG

joint width. Sealant depth shall not exceed joint width.

SURFACE PREPARATION

The joint surface must be dry, free from dust, coating, concrete curing agent, oils and any loose particules. Clean the joint surface by wire brush and sanding with emery paper.

Remove dust by compressed air or paint brush.

Wipe out oil and grease by solvent such as Xylene, Toluene or Acetone.

- Where required, masking tape and bond breaker should be applied before priming to avoid adhesion of sealant to the third surface.

PRIMING

- The correct primer must always be used.
- Application of primer should not be carried out below 4°C.
- Primer should be applied by brush. **weber seal prime PS** must be allowed to dry for a minimum period of 30 minutes before applying **weber seal PS 1000 GG/PG**.
- 2 coats of **weber seal PS 1000GG/PG** is recommended.

APPLICATION TEMPERATURE

- **weber seal PS 1000 GG/PG** should only be applied when the ambient temperature is between 5 °C (40 °F) and 50 °C (122 °F)



MIXING weber seal PS 1000 GG/PG

- Mix and use one complete unit at a time - do not part mix.
- **weber seal PS 1000 GG/PG** is supplied in two part, in separate tins with the curing agent contained in a smaller pack.
- Mix for 5 - 10 minutes at a slow speed using a paddle fitted to a 500 RPM electric drill, moving the paddle completely through the mass of the material. The sides and base of the container should be periodically scraped down with a palette knife to ensure all of the curing agent is completely blended with the base compound.
- Failure to complete disperse curing agent throughout the base compound will result in uncured sealant.
weber seal PS 1000 GG/PG should be used immediately once mixed.

APPLICATION

- **weber seal PS 1000 GG/PG** is designed to be applied using a sealant gun, but can be applied by trowel if required.
- Sealant guns are fitted with conical nozzles which can be cut to suit the joint width.
- The sealant should be gunned into the joint using an even trigger pressure, cleaning the nozzle occasionally to avoid contamination. Deep joints should be filled in two or more runs, to prevent air entrapment.
- Once the sealant has been applied, a small timber spatula, soaked in a soapy water, should be used to compact the sealant into the joints and to tool off bubbles or any air pocket present in order to achieve a smooth polished finish. Any masking tape which has been applied should be removed before the sealant cure.
- Mixing and application equipment should be cleaned immediately with solvents such as Xylene, Toluene and Acetone, using rubber gloves to avoid direct contact with skin.

OPERATING TEMPERATURE

-20 °C to +90 °C

COVERAGE

weber seal prime PS: 1L is required per 15 kg of weber seal PS 1000 GG/PG.

weber seal PS 1000 GG/PG two part polysulphide: The running meter/kg required to seal a primed joint can be estimated by using the following formula : $L = 650 / (W \times D)$

L = Length of the joint in linear running meter

W= Width of the joint in mm.

D = Depth of the joint in mm.

STORAGE

The storage life is approximately 9 months, the material

should be stored in the original sealed containers. Storage should be at a cool and dry place (at 25 °C and 50% RH).

SAFETY PRECAUTIONS

Application should be done in a ventilated area away from any heat source. Wear protective gear for hands and eyes and avoid breathing of vapour. If mixed resins comes into contact with the skin, it should be promptly removed before hardening, followed by thoroughly washing the skin with soap and water. In case of heavy vapour inhalation, place affected person in an open-air area. In case of contact with eyes, wash thoroughly with clean water. If swallowed, do not induce vomiting. In all cases, seek medical attention. In case of fire, use CO2 foam to extinguish. Tightly seal containers when not in use, store them away from heat and carefully dispose empty ones.

DISCLAIMER

While the company guarantees its products against defective materials, the use and application of these products are made without guarantee since the conditions of their application are beyond its control. It is recommended to verify with the company that the product is suitable for the intended use, and that this Data Sheet version is the latest one. The company may modify it without prior notice. Technical characteristics are listed for guidance only. For more information, please contact the company's office in your location.

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