



OVERVIEW

GRIPSEAL PU is a one component, moisture curing, polyurethane construction sealant. The product has been formulated offer a non slump elastomeric sealant, which exhibits good skin formation time and fast cure.

PROPERTIES

- Tough resistance seal.
- No primer required.
- Non staining.
- Good resistance to dilute acids and alkalis.
- Available in range of colors.
- Non-toxic- safe for potable water applications.

Appropriation:

- **GRIPSEAL PU** may be used for bonding and sealing most common building materials including concrete, wood, lacquered metal, anodized aluminum and glass.
- **GRIPSEAL PU** has high elasticity, excellent recovery and tear resistance and good weather ability.
- **GRIPSEAL PU** can also be used in submerged conditions.

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 PU** has been applied.

Equipment Cleaning:

GRIPSEAL PU should be removed from tools using solvent (white spirits) before curing. Cured material can only be removed by mechanical means.

Packing and Storage :

GRIPSEAL PU is available in 600ML sausage sachets. One sachets will fills 6 LM OF 10mm x 10mm joint. Width to Depth Ratio: 1: 1 for joints up to 10mm wide. 2: 1 for joints over 10mm wide. **GRIPSEAL PU** has a shelf life of 12 months when stored in original packaging at a maximum temperature of 30 °C. if stored at high ambient temperature or at high humidity the shelf life will be reduced by as much as 50-60%.

Product Management :

Application:

Surface Preparation :

All surfaces must be clean, dry, and free from dust & any loosely adhering materials. **GRIPSEAL PU** shall be applied with a manual or pneumatic caulking gun. The product should be gunned into the prepared joint. Do not apply the sealant at temperature <5°C. Do not apply on wet substrates. After application, the sealant can be smoothed with a gloved finger using soap and water as lubricant. For submerged conditions a firm backing and good adhesion to joint sides are essential. Concrete must be fully cured (4weeks) and use a primer.

Depth of joint in mm	Width of joint in mm				
	5	10	15	20	25
5	24m	12m	-	-	-
10	-	-	4m	3m	2.4m
15	-	-	-	-	1.6m

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.



Health & Safety :

GRIPSEAL PU contains no hazardous substances. As with all construction chemical products, caution should always be exercised. Protective clothing such as gloves and goggles shall be worn whilst handling. Wearing long sleeve overall, safety shoes and face mask is recommended for maximum safety. Reseal all containers after use and ensure product is stored as instructed on the safety section of the labeling. Treat any splashes to the skin or eyes with fresh water immediately. Should any of the products be accidentally swallowed, do not induce vomiting, but call for medical assistance immediately. For more details, please refer to the MSDS released on each **GRIPMIX** product.

TECHNICAL DATA

Standard Confirms	ASTM C 920
Appearance	Smooth, Viscous Paste
Color	White and Grey(other colors available on request)
Specific Gravity @20oC	1.3
Service Temp	-40oC to 80oC
Elongation	>900%
UV Resistance	Excellent
Shore A Hardness	+25
MAF	+ 25% in a butt joint
Adhesion to Concrete	>2 N/mm ²
Curing	7Days
Toxicity	Non Toxic