



BOSS[®] PU 25 Urethane Sealant

TYPICAL PROPERTIES

Consistency	Non sag smooth thixotropic paste
Tooling Time (at 20°C and 50% RH)	30 minutes
Skin Formation Time	2 hours
Curing	3 mm per 24 hours
Shore A Hardness	25
Elongation at Break	>550%
Substrate Staining	None
Resistance to Weathering	Excellent
Resistance to UV	Excellent
Resistance to Diluted Acids and Bases	Medium
Temperature Resistance	-30°C to 80°C
Application Temperature	5°C to 35°C

*Information on this data sheet is subject to change without notice and should not be used for writing specifications.
For additional information on specific applications, contact Accumetric, LLC



FEATURES

- Excellent adhesion on almost any type of surface, with or without the use of special primers
- Excellent extrusion, tooling and storage stability over wide range of climatic condition
- Excellent chemical resistance, suitable for sealing joints in swimming pools and chemically treated water
- Low modulus, joint movement accomodation 50% ($\pm 25\%$)
- Microorganism and fungus resistant

DESCRIPTION

BOSS[®] PU 25 is a low modulus one-component, moisture curing Class A polyurethane sealant. It cures into a flexible, durable and weather resistant elastomeric sealant that has very good adhesion to most construction materials. It can accommodate cyclic joint movement of 50% (+/-25%) of the joint width.

BOSS[®] PU 25 is recommended for use in moving expansion joints between pre-cast concrete panels, brick and block work, granite, marble and sandstone, aluminum windows, curtain walls and seams on timber, aluminum and UPVC joinery.

USES

- In-situ concrete
- Expansion concrete joints
- Precast panels
- Brick and block work
- Water tanks and swimming pools
- Metal frames
- Aluminum windows and panels
- Irrigation channels
- Glass and mirror applications
- Granite and marble

HOW TO USE

BOSS® PU 25 shall be applied with a caulking gun. The substrates must be clean, dry, and free of dust and grease. Do not apply the sealant at temperatures less than 5° C. Do not apply on wet substrate. After application the sealant can be tooled smooth to achieve a concave shape.

Application tools can be cleaned with a solvent (toluene or xylene) before curing. Afterwards, mechanical cleaning will be required.

SPECIFICATIONS

BOSS® PU 25 meets the performance requirements of the following specifications:

- TT-S-00230C
- ASTM C-920

COLORS

BOSS® PU 25 Urethane Sealant is available in black, grey and white. Special colors available upon request.

PACKAGING

BOSS® PU 25 Urethane Sealant is available in standard caulking cartridges and 600ml sausages.

SHIPPING LIMITATIONS

None.

STORAGE AND SHELF LIFE

When stored in the original unopened containers between 5°C and 25°C, **BOSS® PU 25** Urethane Sealant has a shelf life of 12 months from date of shipment. In Countries where high heat and humidity are a factor, special precautions must be taken. Store product in a covered, well-ventilated warehouse and avoid excessive heat conditions. Storage in high heat, high humidity conditions may reduce shelf life by up to 30%. Rotation of stock is an absolute necessity. Cartons should always be stacked upright with the nozzle tip pointed upwards. **DO NOT** stack cartons on their side. **NEVER** stack cartons more than 8 high. **DO NOT** store within 1 meter (4 feet) of roofline of the warehouse or storage building.

CAUTION

DIRECT CONTACT OF UNCURED SEALANT IRRITATES EYES AND MAY IRRITATE SKIN. OVEREXPOSURE TO VAPOR MAY IRRITATE EYES, NOSE, AND THROAT. Avoid eye and skin contact. Use with adequate ventilation. Do not handle contact lenses with sealant on hands. IN CASE OF EYE CONTACT, flush eyes with water for 15 minutes. Obtain medical attention. IN CASE OF SKIN CONTACT, remove from skin and flush with water. **KEEP OUT OF THE REACH OF CHILDREN.** For safe handling information on this product, consult the Material Safety Data Sheet (MSDS).

USERS PLEASE READ

The information and data contained herein is believed to be accurate and reliable; however, it is the user's responsibility to determine suitability of use. Since the supplier cannot know all the uses, or the conditions of use to which these products may be exposed, no warranties concerning the fitness or suitability for a particular use or purpose are made.

It is the user's responsibility to thoroughly test any proposed use of our products and independently conclude satisfactory performance in the application.

Likewise, if the application, product specifications or manner in which our products are used requires government approval or clearance, it is the sole responsibility of the user to obtain sure authorization.

Non-warranty: Because the storage, handling and application of the material is beyond Accumetric's control, we can accept no liability for the results obtained. Accumetric's sole limited warranty is the product meets the manufacturing specifications in effect at time of shipment. There is no warranty of merchantability or fitness for use, nor any other express or implied warranty. Accumetric will not be liable for incidental or consequential damages of any kind. The exclusive remedy for breach of such limited warranty is a refund of purchase price or replacement of any product shown to be other than as warranted.

Suggestions of uses should not be taken as inducements to infringe any patents.

CALCULATION OF MATERIAL CONSUMPTION

The following table gives an indication of running metres of joint one may seal with one 600ml sausage

Joint Depth (mm)	Joint Width (mm) Running meters of joint per 600ml sausage unit								
	8	10	12	15	20	25	30	35	50
8	9.3	7.5	6.2	5					
10	7.4	6	5	4	3				
12			4	3.3	2.5	2	1.8	1.3	
15					2	1.6	1.3	1	0.8
20								0.8	0.6

MADE IN U.S.A.

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