

BOSS®

BOSS® PU 25 Polyurethane sealant

TYPICAL PROPERTIES

Consistency	Non sag thixotropic Paste
Tooling time (at 20°C and 50% R.H.).....	10 min
Skin formation time.....	30 min
Specific Gravity	1.35
Curing.....	4 mm per 24 hours
Shore A hardness.....	40-45
Elongation at break.....	> 550%
Application temperature	+5 to + 35° C
Temperature resistance.....	-30 to +80° C
Substrate staining.....	none
Tensile Strength	20kg/cm ²
Tear Strength	15 kg/cm ²
Resistance to weathering	excellent
Resistance to UV	excellent
Resistance to diluted acids and bases	medium
Standard Colors.....	black, grey, and white

Special colours available to order

*Primers may be required for certain substrates

*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



DESCRIPTION

BOSS® PU 25 is low modulus one-component moisture curing Class A polyurethane sealant. It cures into a flexible, durable and weather resistant electrometric 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 U-PVC joinery.

SPECIFICATIONS

BOSS®PU 25 Polyurethane Adhesive/Sealant meets or exceeds the following: TT-S-00230C (Type II) Class A, ASTM C-920 Type S Grade NS, Class 25, Use-NT, A and M.

FEATURES

- ◆ Primerless adhesion to most building materials
- ◆ Non-sag formulation
- ◆ Excellent weatherability
- ◆ Paintable
- ◆ Cures to a tough, flexible rubber
- ◆ Tools easily

HOW TO USE

Material Preparation

For successful bonding and sealing, substrates must be free of excess dust, dirt, moisture and oils. Clean substrate with a degreasing solvent. In some instances, slight abrasion of the substrate surface may be necessary to ensure proper adhesion.

Application

Maximum joint width should not exceed 1-1/4" and should be no deeper than 3/8". For greater depth use a foam backer rod to within 3/8" of desired surface level. Sealant should be applied by "pushing" the bead ahead of nozzle forcing the sealant into the joint ensuring adequate contact with all joint surfaces. Tooling of material needs to be completed within 40 minutes of application. Excess sealant should be removed with a clean dry cloth within the tooling time while still uncured. If joint has been masked, masking material should be removed immediately after sealant application as cured sealant is difficult to remove.

PACKAGING

BOSS® PU 25 Polyurethane Adhesive/Sealant is available in standard 310 ml Cartridge, 600 ml Sausage, 4.5 gallon pails and 55 gallon drums. Other sizes available upon request.

STORAGE AND SHELF LIFE

When stored in original unopened container at or below 80°F, **BOSS® PU 25** Polyurethane Adhesive/Sealant has a shelf life of 12 months from date of manufacture. Containers should always be kept sealed when not in use.

WARNING!

MAY CAUSE EYE AND SKIN IRRITATION. MAY CAUSE ALLERGIC SKIN AND/OR RESPIRATORY REACTION IN PERSONS PREVIOUSLY SENSITIZED TO ISOCYANATE.

Precautions: Keep away from heat and flame. Avoid contact with eyes, skin and clothing. Wash thoroughly after handling. Provide adequate ventilation to maintain vapor concentration below recommended exposure limits. Do not ingest. Keep container closed when not in use. KEEP OUT OF REACH OF CHILDREN.

Suggested first aid:

Eye contact: Flush eyes with plenty of water. If irritation persists, call a physician. Skin contact: Wash thoroughly with soap and plenty of water. Remove contaminated clothing and shoes. If signs/symptoms occur, call a physician.

Inhalation: Remove person to fresh air. If symptoms continue, call a physician. If swallowed: Do not induce vomiting. Drink two glasses of water. Call a physician.

USERS PLEASE READ

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