

PU 25. Urethane Sealant.

BOSS® PU 25 is 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.

TECHNICAL DATA

Consistency	: Non sag smooth thixotropic paste
Tooling time (at 20°C and 50% R.H.)	: 30 min
Skin formation time	: 2 hours
Curing	: 3 mm per 24 hours
Shore A hardness	: approx. 25
Elongation at break	: > 550%
Application temperature	: +5 - + 35° C
Temperature resistance	: -30 to +80° C
Substrate staining	: none
Resistance to weathering	: excellent
Resistance to UV	: excellent
Resistance to diluted acids and bases	: medium
Standard Colours.	: black, grey, and white. Special colours available to order

Instructions for 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.



Storage – Shelf Life

12 months in closed original packaging stored between +5 and +25° C

Packaging

300-ml cartridges and 600-ml sausage pack,

Users Please read.

The information and data contained herein is believed to be reliable and accurate; however it is the users responsibility to determine suitability of use. Since the supplier cannot know all the uses or conditions of use to which the predict may be put, no warranties concerning fitness or suitability for a particular use or purpose are made. The supplier will not be liable for incidental or consequential damages of any kind.

Caution

Product may cause eye and skin irritation on prolonged exposure. In case of eye contact, flush thoroughly with water. Wash thoroughly after handling. Keep out of reach of Children.

Calculation of material consumption

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

Joint Depth (mm)	Joint Width (mm) Running meters of joint per 600 ml 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

BOSS_® Products

Accumetric LLC
350 Ring Road
Elizabethtown, Kentucky 42701 USA
270-769-3385 FAX 270-765-2412
www.accumetricinc.com
