![GS sealant logo] **GS sealant**

POLYFLEX MR3000
POLYURETHANE SEALANT

TYPICAL PROPERTIES

Appearance	: Pasty
Color	: White / Grey
Density at 20 °C	: 1.20 + 0.06
Solids Content	: > 94%
Sagging	: None
Application temperature	: 0 to 40 °C
Skin time at 23 °C and 50% HR	: 120 min
Cure time at 23 °C and 50% HR	: 3 mm / 24h
Shore A hardness (Cured) DIN53505	: 22.9
Elongation rate DIN53455	: > 800%
Movement	: ± 25%
Tensile Strength at break	: 1.9 N/mm2
Resistance to dilute acids and bases	: Average
UV resistance	: Good
Water and salt spray resistance	: Excellent
Compatibility with paints	: Excellent (Require test for solvent base)

POLYFLEX MR3000

is a single component moisture curing, low modulus, paintability, non sagging polyurethane sealant with excellent adhesion property to most construction materails. It ideally uses for expansion and construction joint between pre-cast concrete panel, granite, marble, sandstone, aluminium & pvc joinery, window flames, brick and block work. It can be used for internal and external.

White   Grey

Safety Data

POLYFLEX MR3000 contains isocyanates. Use of appropriate personal protection during application is recommended. Contact uncured sealant to skin may cause irritation. Promptly clean by wiping it off and using soap and clean water to wash thoroughly. In case of contact uncured Material with the eyes, flush eye immediately with
running plenty of clean water around 15 minutes and get doctor attention.

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Standard Compliancy

* ASTM C920 Type S Grade NS
* British Standard BS4254-1983, BS5859
* JIS A 5758

Product Feature & Handling

Packing : 600 ml. aluminium foil sausage
Color : Available in white and grey
Storage : Keep in cool between 10°C – 25°C dry and clean condition and away from sunlight
Shelf Life : 12 months in original packaging when stored in well control conditions.

Use Instruction

All joint surfaces must be clean and free of oil, grease, dust dry or any contaminations. Use none only left solvent or mechanical cleaning only. Cut tip diagonally according to width of joint. Insert sausage into caulking gun. Apply to clean and dry surfaces in which free from dust, oil grease. Tooling time is approximately 6 – 10 minutes.

Application Details

Joint Design : Standard design dimensions for concrete element as per DIN 18540

Joint Distance	6.5–8 m	5–6.5 m	3.5–5 m	2–3.5 m	2 m
Design joint width	15 mm	20 mm	25 mm	30 mm	35 mm
Min joint width	10 mm	15 mm	20 mm	25 mm	30 mm
Joint depth	8 mm	10 mm	12 mm	15 mm	20 mm

Approximate consumption

Joint width	10 mm	15 m	20 m	25 m
Joint depth	8 mm	8 mm	10 mm	12 mm
Joint length	~7.5 m	~4.5 m	~2.5 m	~1.6 m

Backing : Use only closed cell, polyethylene foam backing rods.

User Notes :

Before Handling : read both the product data and material safety data sheets for detailed use and health information. The technical details and recommendations contain in this data sheet, are given in good faith and represent the best of our knowledge and experience at the time of printing. It is the responsibility of the use in accordance with the **POLYFLEX MR3000** instruction and applications for which they are intended.

Keep Out Reach of Children

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