

# MAPESTRIP™ 25

## HYDROPHILIC, EXPANDING RUBBER WATERSTOP FOR WATERTIGHT JOINTS AND TRANSITIONS

### PRODUCT DESCRIPTION

Mapestrip 25 is a pre-formed hydrophilic rubber strip, with an acrylic polymer base specially designed to form watertight construction joints. Controlled volumetric expansion reduces the risk of concrete spalling. Mapestrip 25 is ideal for horizontal and vertical construction joints and penetrations through slabs and walls.

### FEATURES AND BENEFITS

- Available as ¾" × 1" by 16.5' per roll.
- Controlled volumetric expansion reduces risk of concrete spalling.
- Volumetric expansion of up to 120%.
- Mapestrip 25 maintains its properties even following repeated cycles of expansion and contraction in the presence of aggressive water such as sea water, and water in sewage treatment plants.
- Mapestrip 25 does not contain sodium bentonite.
- Easily conforms to complex geometries.

### TECHNICAL DESCRIPTION

Property	Test Method	Typical Result
Color		Blue
Impermeability		5 atm
Elongation %	ASTM D638 M-89	70-100
Shore Hardness	ASTM D2240	25-30

### STORAGE AND SHELF LIFE

Mapestrip 25 can be stored for up to 36 months in a dry environment in original packaging at temperatures between 40°F and 90°F (4°C and 32°C).

### LIMITATIONS

- Not intended for use in moving joints or pre-cast concrete applications.
- Not to be installed over ponding or standing water, snow or ice.

### PRODUCT APPLICATION

#### INSTALLATION

- Mapestrip 25 can be applied on concrete, metal or PVC, forming corners or seams does not require overlapping the Mapestrip 25. Simply align the pieces of Mapestrip 25 together and their subsequent expansion will ensure a perfect seal against water pressure.
- Mapestrip 25 must be attached mechanically on concrete substrates with concrete screws or nails placed in a row along the strip, spaced at a maximum of 12" (30 cm) apart, to ensure thorough contact with the substrate.
- When installing on PVC, reinforcing toe wire can be used to secure the Mapestrip 25 in place.
- Concrete can be poured immediately after the Mapestrip 25 is installed if attached mechanically with screws and nails.
- Ensure Mapestrip 25 has a minimum of 3" (75 mm) concrete cover.



### PRODUCT DATA

Roll Size	0.8" × 1" × 16.4'
	(20 mm × 25 mm × 5 m)
Rolls/Carton	6
Coverage	100 linear ft (30 linear m)

### WHERE TO USE

- Horizontal and vertical concrete construction joints.
- Around through-wall or slab penetrations, joints between slabs and sheet piles, diaphragm walls and shotcrete retention systems, waterproof joints between concrete beds, and elevation walls.

### PRODUCT CODES

- MST257516



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### CORPORATE HEADQUARTERS

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### Product Disclaimer:

For professional use only.

Unless otherwise incorporated into or part of a supplemental manufacturer's warranty, Polyglass warrants its product(s) against manufacturing defects in its product that directly results in leakage for a period of 1 year. Refer to safety data sheet (SDS) for specific data and handling of our products. All data furnished refers to standard production and is given in good faith within the applicable manufacturing and testing tolerances. Polyglass U.S.A., Inc., reserves the right to improve and change its products at any time without prior notice. Polyglass U.S.A., Inc. cannot be held responsible for the use of its products under conditions beyond its own control. For most current product data, detail drawings and warranty information, visit [www.polyglass.us](http://www.polyglass.us)



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