

BUMA-WP®

BUMATAPE

Elastic bandage for reinforcing corner, crack

High elongation

Alkalis and salt resistant

Good crack bridging

Easy to use



PRODUCT DESCRIPTION

BuMaTape is polypropylene combined with polyester band. Product can resist water pressure up to 1.5bar and high elongation, used to combined with flexible, cementitious based **BuMaLastic/ Flex WP 2K**, acrylic base **Proof 668** or polyurethane based waterproofing to reinforce for corner between wall and floor, wall and wall or used to reinforce for expansion joints on floor and wall

USES

- Waterproofing for corner in toilet area
- Waterproofing for all surfaces or corners, expansion joints on balconies and terraces
- Waterproofing, sealing joint between concrete panels, CFC sheets

SUITABLE SUBSTRATES

- Cement plaster
- Cement mortar beds
- Existing tile and stone
- Cement backer board
- Concrete
- Metal

PACKAGING:

15 cm x 10m/ roll, orange color

SHELF LIFE

The product may be stored for several years in a clean, dry and cool place

RECOMMENDATIONS

- Install only at temperatures between 4°C and 35°C.
- For perfect sealing on external and internal corners, use special corner pieces **BuMaTape 90°** and **BuMaTape 270°**
- Keep product away from heat source
- Keep out of reach of children

PRODUCT PERFORMANCE PROPERTIES

Characteristic	Test	Result
Tensile strength	BS EN	152 N/50mm
Elongation	12311	203%
Crack bridging	BS EN	8.42 mm
Water impermeability	14891:2017	No Penetration
Tensile strength	ASTM D412	17.5 MPa

Specifications subject to change without notification. Results shown are typical but reflect test procedures used. Actual field performance

INSTALLATION**Concrete substrate preparation**

- Concrete surface should be structurally sound, clean and free from all dirt, oil, grease, adhesives, paint, sealers or curing compounds
- Repair cracks present in the concrete substrate with **BUMA-SP Bond 81** by injection method

- Concrete surface must be mechanically roughened prior to application. All substrates must have minimum ICRI CSP 2 to 3 (Grinding, high pressure water-jet blasting, light sandblasting, scarification... Bonding strength of surface must be at least 1.5MPa according to ASTM C1583
- Dampened the substrate before application

Mortar bed/ plaster substrate preparation

- Cementitious surface must be fully cured (7 days per 10mm thickness)
- Cementitious surfaces should be structurally sound, clean and free from all dirt, oil, grease, adhesives, paint, curing compounds
- Bonding strength of surface must be at least 0.5MPa according to ASTM C1583
- Dampened the substrate before application

Existing Ceramic Tile, Stone or Cement Terrazzo substrate preparation

- All tile and stone must be well adhered to the substrate and free from any bond breaking or bond-inhibiting surface contaminates. Ensure bond strength of the tile or stone to the substrate is a minimum 0.5MPa. If the floor does not pass 0.5MPa pull out strength test, must remove the tile or stone
- Existing tile or stone should be abraded by mechanically method
- Wash and rinse thoroughly with clean water. Allow to completed dry

Application

- Apply thin layer of **BuMaLastic/ Flex WP 2K/ Proof 668** about 1mm thickness at corners, expansion joints, crack need to waterproofed, sealed with **BuMaTape**
- Insert **BuMaTape** or special pieces **BuMaTape 90°** or **270°** onto fresh waterproofing layer, smooth **BuMaTape** with steel trowel
- Apply first coat of **BuMaLastic/ Flex WP 2K/ Proof 668** for remaining floor, wall area. Drying time for 01-02 hours depend on ambient temperature
- Apply second coat of **BuMaLastic/ Flex WP 2K/ Proof 668** for all area need to be waterproofed
- For movement joints on roof, **BuMaTape** must be placed in the shape of an omega ∩
- Ponding test could be processed after applied second coat 24 hours

DISCLAIMER

- Technical details and recommendations contained in this product datasheet correspond to the best of our knowledge and experiences at the time of printing
- These detail offered for user's consideration and evaluation. It is the responsibility of the user to conduct their own tests to validate the suitability of the products for their requests
- Technical details and recommendations can be changed by site condition and workmanship of

applicators.

▪As we have no control over site conditions and the execution of the work, we accept no liability for any loss or damage which may rise as a result thereof.

We also reserve the right to update the information at any time without prior notice to you to reflect our ongoing research and development program

▪The newest technical data sheet will be supplied upon user request

TECHNICAL SERVICES/ AVAILABILITY

Information is available by calling

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