BSWTAPE ECO

Waterproof sealing tape

- Water impermeable
- Elastic
- UV stabilized
- Resistant to weathering
- Alkali resistant

TECHNICAL FEATURES:

BSWTAPE ECO is Waterproof sealing tape, elastic, resistant and stabilized; Vapour permeable and made of polypropylene fabric with an elastomeric part, thermoplastic and aging process resistant. It guarantees a rapid setting of adhesives for tiles and waterproofing products. Resistant to strong and aggressive substances.

AREAS OF APPLICATION:

BSWTAPE ECO is used for the formation of flexible, water impermeable movement joints and connecting joints beneath tiles within e.g. ACQUASHIELD-GEL, ACQUASHIELD-1KF, ACQUASHIELD-2KF, ACQUASHIELD FAST. BSWTAPE ECO is easy to use and forms an intimate bond with the above named waterproof systems. BSWTAPE ECO can be used in wet duty classes A0 and B0 in accordance with the ZDB information sheet "Bonded waterproof membranes".
BSWTAPE ECO fulfills the requirements of the test principles of the DIBt and the information sheet "Bonded waterproof membranes" that relate to the conditions in damp duty classes A and C.

TECHNICAL ASSISTANCE

INSURANCE GUARANTEE

TECHNICAL MEETINGS

PROFESSIONAL USE

CONTRACT ITEM SPECIFICATIONS: Supply and application of a waterproofing system, for connections, made of a waterproofing sealing tape of 12 cm wide, in high quality compound material , elastic, shear resistant, waterproofing, vapor permeable of thickness 0,3 mm as BSWTAPE ECO by Benfer. The tape must be applied on a waterproofing, flexible, cementitious coat of range ACQUASHIELD by Benfer and well pressed on it. After curing of the first coat the sealing tape must be covered and included in the second waterproofing coat, leaving the central part visible.

METHOD OF USE:

SUBSTRATES PREPARATION:

All usual substrates, which are correctly prepared and suitable for use with the installation of waterproof membranes or tiled finishes in the appropriate wet duty classes (ZDB data sheet 'bonded waterproof membranes'). Fine, non-penetrative cracks on the surface of < 0.1 mm are acceptable.

PRODUCT APPLICATION:

Apply the liquid, waterproofing sheath by using a trowel with a trowel with 4-6 cm teeth, for a width of at least 2 cm larger than a waterproofing band on both sides. Apply BSWTAPE ECO in the coat of fresh product and, after that, press accurately the tape inside the waterproofing coating, without creating any void or fold, using a metallic scraper or a roll. Be sure, if possible, you are obtaining a laying bed without empty spaces behind the waterproofing band. The bonding phase must exclude a possible water migration behind BSWTAPE ECO. In the internal part of the distribution joints the tape must be applied creating an omega shape. Overlap butt joints within joint tape sections or at interfaces with all joint tape pre-formed pieces and angles by a minimum of 5 to 10 cm and bond with the waterproof membrane, without voids or folds. The area of the movement joint (for the following application of an elastic joint) may be free from the liquid, waterproofing sheath.

ADVICE:

- Follow recognised building technology regulations.
- Joints, which are to be secured with BSWTAPE, must be protected from mechanical damage.
- Do not bond or overcoat BSWTAPE with solvent based products.

PACKAGING: 50 mt rolls.
STORAGE: In the original closed package in a cool dry place.
SHELF LIFE: 5 years.

PRODUCT TECHNICAL DATA	
Basis:	Polypropylene Fabric with an elastomeric part, thermoplastic and aging process resistant
Colour:	Grey
Thickness:	0,72 mm
Large:	120 mm
Weight:	38.3 g/m
Storage and durability:	5 years in the original closed package in a cool dry place
Application temperature:	From + 5° C to + 35° C
Burst pressure:	> 4 bar
Longitudinal rupture loading:	144 N/15 mm
Transversal l rupture loading:	49 N/15 mm
Longitudinal elongation:	26%
Transversal elongation:	129%
Impermeability to water:	> 1,5 bar
UV resistance:	500 h

Chemical resistance after 7 days at 22°C to the following chemical substances:	
Hydrochloric acid 3%:	Resistant
Sulfuric acid 35%:	Resistant
Citric acid 100g/lt:	Resistant
Lactic acid 5%:	Weakened
Potassium hydroxide 3%:	Resistant
Sodium hydroxide 0,3 g/lt:	Resistant
Sea water 20 g/lt:	Resistant
Resistance to temperature:	From -22°C to + 60°C

PLEASE NOTE: The information given in this chart is based on our best experience and indicative only. It must in any event be verified by the end user, who assumes all liabilities deriving from utilization of the product.