

HYDROJOINT TAPE

Elastic Thermoplastic Tape for Joints

Description:

HYDROJOINT TAPE is a thermoplastic, elastic, resistant to chemicals specially manufactured tape. It is used as a treatment of expansion and construction joints in addition to reinforcement of angles in water tanks.

Uses:

HYDROJOINT TAPE can be applied as a joint treatment integrated with water proofing systems. Some application include:

- Sealing joints in channels, basins and water bodies
- Sealing joints in wet areas kitchens, bathrooms.
- Sealing joints at swimming pools and water pipes.
- A sealing cover between two different substrate with different coefficient of expansion.
- Sealing joints between rigid and flexible surfaces.

Advantages:

- Chemically resistant especially to alkali environment.
- Suitable for application on dry and damp concrete.
- Resistant to extreme weathering.
- Superior resistance from deterioration.
- Extremely flexible and long-lasting.
- Highly resistant to various chemicals.
- Easy to shape to suit complicated substrate conditions.
- It can be applied on both horizontal and vertical joints.

Instructions for Use:

Surface Preparation:

All surfaces should be sound, clean, dry and free from loose material, efflorescence, laitance, curing compounds, dirt, oil and grease. Clean the area of installation by a wire brush and blow with clean air to ensure clean substrate. The concrete substrate should be fully cured in order to ensure that no shrinkage will

occur after installing the tape. When applying the tape it is essential to be part of a water proofing system.

Application:

Choose appropriate size of HYDROJOINT TAPE to be used depending on the substrate condition and the used waterproofing system.

Apply an adhesive layer strip from the liquid applied membrane system utilized for the waterproofing along joint area. Lay and press gently the non-woven sides of the HYDROJOINT TAPE against the coated surface. Ensure that no wrinkles, creases and air bubbles are formed along the tape during the application in order to preserve product efficiency.

The strip of adhesive layer should be applied along both sides of the joint and over the angle of the waterproofed substrate. Embed the tap of the joint edges thoroughly in the adhesive layer using a trowel or a plastic roller. Apply pressure to ensure proper adhesion, ensure no voids or folds are formed and the tape is fully bedded in the adhesive. The thickness of adhesive should always be more than 1.00 mm.

For movement joint, note that the tape can be applied in flush or in u shape according to the joint design. In cases of joining two tapes, butt-joint the tapes by overlapping and bonding the strip by at least 50mm by means of hot-welding or cold welding. Roughen the area to be welded with sanding paper then apply welding, temperature of welding to be determined on a sample tape prior to full application. Especially cut profiles of HYDROJOINT TAPE for corners are also available for proper continuous profiling.

Standards:

- ISO 868, DIN EN ISO 527.3

HYDROJOINT TAPE

TECHNICAL PROPERTIES	
Thickness	1 mm
Weight	930 g/m ²
Tensile Strength	14 N/mm ²
Elongation at Break	1000
Tear Propagation	100
Generic Type	TPE
Shore A Hardness	87
Application Temperature	5°C - 45°C
Temperature Resistance	-20°C - 90°C
Reaction to Fire	Class E
Pressure Resistivity after Fixing	5 bar

*Values indicated may vary depending on the environment and conditions of the material. Figures given are tested according to standard laboratory conditions.

Packaging:

HYDROJOINT TAPE is available in width of 150, 200, 250, 300 mm in 20 Linear Meter roll.

Storage:

Store in original packing in dry conditions away from direct sunlight.

Shelf Life:

HYDROJOINT TAPE can be utilized within 24 months of production date if stored in proper conditions in unopened original packing.

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