Flexik **NANO TAPE**

Nano Technology Waterproof Bond Tape

FLEXIK Nano Tape is self adhesive and made nano gel silica with outstanding adhesiveness to all types of substrate and great waterproof ability. Nano Tape can be fully used in various ways which adopt nanotechnology.

FLEXIK Nano Tape can be widely used in wall heat reservation system, water proof and preventing cracks. It has flexibility, softness and resistance to aging.

Designed for use on concrete, tiles roofs, screed, pre-engineered metal buildings (PEMBs), standing seam roofs (SSRs), metal ducts and other applications on both porous and non-porous materials.

Features

- Adhesive to various substrates
- No affect to the environment and fire proof
- Durable and extremely flexible
- Completely environmentally friendly
- Waterproof and moisture resistant

Specification

Weight	100 g/ m
Tensile Strength	500N/5 cm
Tear Resistance	200N/cm
Elongation	450 %
Temperature resistance	-40°C to 120 °C
Adhesion	25N/cm
Chemical resistant	Pass (Excellent)

Advantages

- In insulation systems Nano tape reinforces the wall plasters and composite mortars applied.
- In order to ensure a remarkable improvement in terms of shock resistance, the net must be completely covered with mortar
- The excellent ability to bind with mortar and plaster avoid creeping of the materials.
- Even after many years, the nano tape net either decomposes nor becomes rusty.
- Any stress due to damp and temperature changes is completely absorbed.

Field of Application

Ideal for waterproofing (permanent sealing) of joints, inner/outer corners etc. Sealing of roofing panel laps , concrete or tile joints of roofs and other structures.
It can be applied underneath ceramic tiles or natural stones and can be used for indoors installations. Typical but not limited applications are bathrooms, showers, swimming pools etc.

engineered to perform

Installation

Substrate surface preparation

Ensure clean, dry surfaces, free from any shrinking tendencies. Remove any loose material or detached fragments, dust, grease etc. Seal off and repair any major gaps/cracks. Apply a suitable primer before using the sealing tape.

Instructions for use

1. Cut the sealing tape to the required length.
2. Press onto the application surface.
3. Ensure that there is a tape overlap of at least 5 cm
4. Apply two or three layers of the coat and ensure that the tape is fully covered with the sealing compound.

Seal lap seams on a variety of common substrates including galvanized steel, stainless steel, aluminum alloy, fiber-reinforced polyester (FRP), Polyvinylidene Fluoride (PVDF) and concrete substrate roofs, tiled roof, wet areas, under the tile applications, penetration sealing. Effectively seals dissimilar metals while preventing their contact which could cause galvanic corrosion.

Packaging

Available in Rolls packed in Carton
25mm, 50mm, 75mm 100mm Width and Length in various std

Storage and Shelf life

Store materials in dry and covered place with careful handling to prevent damage to products. If conditions exceed these ranges, special consideration in storage must be taken. Shelf life under normal conditions in closed container will be 24 months.

Product information contained herein are presented in good faith and believed to be reliable. They do not constitute part of our terms and conditions of sale. It is also not a guarantee, either expressed or implied, that the data are correct or that products described are merchantable or fit for a particular purpose as methods of use are beyond our control. Customer should determine the suitability of our materials and installation recommendations before usage. Manufacturer's sole responsibility shall be to replace that portion of any product that proved to be defective.

engineered to perform

ORGANIX BUILDING SYSTEM
Dubai - U.A.E., E : info@organixbs.com
www.organixbs.com