

## Arma TNT

### Non-woven polypropylene fabric for waterproof membrane reinforcement



Polypropylene non -woven fabric for the armor, in the application phase, of liquid waterproofing membranes. TNT weapon can be applied both horizontally and vertically, on all surfaces to be waterproofing potentially subject to deformations and settlement, that is, when the risk of cracking is greater. Its use minimizes the risk of formation of microcavillating and cracks that can affect the membrane estate. In the implications between walls and floor or in the critical points, the ArmaBand TNT band is advantageously used.

**CUSTOMS CODE:**

**COMPONENTS:** Single-component

**APPEARANCE:** Roll

**AVAILABLE COLORS:** White

**PACKAGING AND DIMENSIONS:** Roll 50 m<sup>2</sup>

### FEATURES AND BENEFITS

- Improves the tensile and puncture resistance of liquid waterproofing systems
- It improves the elastic and mechanical characteristics of the waterproofing products in which it is inserted
- Good elasticity: significantly increases elongation at break and crack-bridging power
- It distributes tensile forces over a larger surface area, significantly reducing the risk of cracking
- Anti-alkaline fabric, does not decompose, resists temperature variations
- Ideal for surfaces with irregular geometries, easy to cut and shape as needed to treat single and particular points
- Lightweight and easy to install product
- Resistant to acids and alkaline solutions
- Longitudinal and transversal tensile strength; permeable to water, steam and air

### FIELDS OF APPLICATION

- Elastic armor of liquid waterproofing membranes
- Application both horizontally and vertically on roofs, terraces, flat roofs, balconies, roofs, walls, tubs, tanks, swimming pools, floors etc.
- Reinforcement of the waterproofing layer in critical points such as edges, joints, cracks, corners, horizontal-vertical connections

### PREPARATION OF SUPPORTS

Prepare the support surfaces as indicated in the technical data sheets of the liquid waterproofing products that will impregnate ARMA TNT.



## MODE OF USE

Prepare the rolls according to the surface to be treated. For specific applications it is possible to easily cut and shape the product with scissors, blade or cutter.

Apply the chosen waterproofing product in the indicated and recommended thickness on the area to be treated, then lay ARMA TNT by compressing it with a metal bubble-breaking roller, a trowel or a smooth spatula, checking that the non-woven fabric is completely embedded in the membrane and ensuring perfect wetting.

Wait for the first layer of applied product to dry completely, then proceed with the application of the second uniform coat to completely cover the ARMA TNT non-woven fabric. The overlaps of the fabric at the connection points in the longitudinal and transversal direction must be carried out by making an overlap between the sheets of no less than 5 cm. In case of rain between the application of the first and second coat, allow the non-woven fabric to dry completely before applying the second layer.

ARMABAND TNT can be advantageously used in the overlaps between the wall and the floor or in critical points.

## APPLICATION METHODS

Apply by hand

## KEY FEATURES

↔ Length: 50 m

∞ Unlimited shelf-life

☀ UV-resistant

→|← Thickness: 0.3 mm

🧤 Use wearing protective gloves

|←→ Width: 1 m

## TECHNICAL SPECIFICATIONS

*EDANA 70.4-99*

Resistance to longitudinal and transverse tearing  $\geq 60 \text{ N/5cm}$

*EN ISO 9864*

Unit weight  $60 \text{ g/m}^2$

Thickness  $0.3 \text{ mm}$

*EDANA 20.2-89*

Extension break longitudinal  $\geq 45 \%$

*EDANA 20.2-89*

Extension break lateral  $\geq 40 \%$

*EDANA 20.2-89*

$\geq 110 \text{ N/5cm}$

*EDANA 20.2-89*

$\geq 105 \text{ N/5cm}$

## CONSUMPTION

Approximately  $1.1 \text{ m}^2$  for every  $\text{m}^2$  of surface to be covered.

## STORAGE AND CONSERVATION

Store in a covered and sheltered place.



## WARNINGS AND PRECAUTIONS

The general information, along with any instructions and recommendations for use of this product, including in this data sheet and eventually provided verbally or in writing, correspond to the present state of our scientific and practical knowledge. Any technical and performance data reported is the result of laboratory tests conducted in a controlled environment and thus may be subject to modification in relation to the actual conditions of implementation.

Azichem Srl does not assume any liability arising from inadequate characteristics related to improper use of the product or connected to defects arising from factors or elements unrelated to the quality of the product, including improper storage. Those wishing to utilise the product are required to determine prior to use whether or not the same is suitable for the intended use, assuming all consequent responsibility.

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