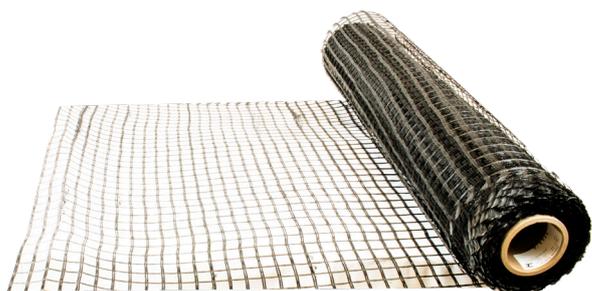


TRITONET - AR



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TRITONET - AR mesh is made of alkali-resistant (a.r.) glass fiber with zinc oxide content of more than 17%, pre-stretched.

1. CODE REGISTRY

| | DESCRIZIONE |
|----------------------------|---|
| TRADE NAME | TRITONET - AR |
| PRODUCT CODE | RET03-40900 |
| PRODUCT TYPE | Alkali-resistant fiberglass mesh (a.r.) |
| MESH SIZE [mm] | 25 x 25 |
| WEIGHT [g/m ²] | 225 |
| PACKAGE [m] | roll 0.915 x 45.7 |

1.1 NET FEATURES

| PROPERTIES | STANDARD OF REFERENCE | VALUE |
|--|---|-------------|
| WEIGHT [g/m ²] | | 225 |
| COLOR | | Grey |
| ZIRCONIUM OXIDE (ZrO ₂) CONTENT [%]. | | 17 |
| CROSS SECTIONAL AREA WEFT [mm ²] | LG FRCM EAD 340275-00-0104 - EN ISO 1183-1:2019 | 3,08 ± 0,19 |
| CROSS SECTIONAL AREA WARP [mm ²] | LG FRCM EAD 340275-00-0104 - EN ISO 1183-1:2019 | 2,12 ± 0,11 |
| EQUIVALENT THICKNESS OF DRY FABRIC [mm] | | 0,035 |
| TENSION RESISTANCE [kN/m] | | ≥ 35 |
| ELASTIC MODULE [GPa] | | 72 |
| ELONGATION AT BREAK [%] | | 1,8 |
| EQUIVALENT AREA PER UNIT OF WIDTH [mm ² /m] | | ≥ 35 |

TRITONET - AR

2. USE

2.1 USE

TRITONET - AR alkali-resistant (a.r.) fiberglass mesh can be used as a garrison of nonstructural elements, as a prevention against the crumbling of late concrete slabs and for their restoration in combination with FIXING KIT FOR STRUCTURAL REINFORCEMENT MESHES anchors, and as an anti-tilting garrison of curtain walls and partitions in combination with cement or lime-based mortars and with appropriate connections such as HELIKON helical bars. It can also be used for local repair of lesions.

2.2 ADVANTAGES

Some advantages of TRITONET - AR are:

it does not rust;
handy, it can be cut with simple cutter;
flexible, conforms easily to the substrate;

2.3 LAYING

1. Prepare the substrate in a workmanlike manner by removing all inconsistent material, repairing cracks, if any, and reconstructing any missing parts until a continuous, compact and planar textured surface is obtained. Proceed with the cleaning of the substrate in order to remove all traces of residual material that could compromise the adhesion of subsequent layers.
2. If the work involves connecting elements such as KIT FIXING KIT FOR STRUCTURAL REINFORCEMENT MESHES or HELIKON - HELIKON ELICOID BAR refer to the relevant data sheet for installation methods.
3. Wet the surface to saturation (s.s.a. condition) before proceeding to the application of a first uniform layer of chosen mortar type BIOFORCE ONE. When fresh, lay the TRITONET - AR mesh accompanying it with a trowel in order to incorporate it into the mortar. Proceed with the application of a second layer over the first one still fresh, completely covering the mesh. Provide an overlap of at least 25 cm for adjacent sheets of netting.

3. FURTHER ADVICE

3.1 STORAGE

Store in a covered and dry place

3.2 SAFETY INSTRUCTIONS

With reference to current European regulations (Reg. 1906/2007/EC - REACH) TRITONET - AR is an article and does not require a Safety Data Sheet. During use, the use of protective gloves and goggles is recommended. Follow the safety requirements provided in the workplace.
PRODUCT FOR PROFESSIONAL USE

3.3 WARNINGS

The data given correspond to our current technical and application knowledge for the appropriate use of the product and are to be considered, in any case, indicative and general, therefore not binding for the same. We recommend that a prior practical test be carried out in order to verify the suitability of the product with respect to its intended use, purposes and consumption. The purchaser is responsible for verifying the suitability of the products described in this document for its intended use and purposes. Always refer to updated versions of data sheets available at www.dakota.eu

4. TECHNICAL SPECIFICATION

| Item | Description | U.M. | Price |
|-------------------|--|------|-------|
| Dak.B.RET03-40900 | Supply and installation of TRITONET - AR net, made of alkali-resistant (a.r.) glass fiber with zinc oxide content higher than 17% and pre-stretched. TRITONET - AR alkali-resistant (a.r.) fiberglass netting can be used as a garrison of nonstructural elements, as a prevention against the crumbling of late concrete floors and for their restoration in combination with FIXING KIT FOR STRUCTURAL REINFORCEMENT MESHES anchors, and as a garrison against the overturning of curtain walls and partitions in combination with cement or lime-based mortars and with appropriate connections such as HELIKON helical bars. It can also be used for local repair of lesions. | pc. | - |