

**PRODUCT DESCRIPTION**

FLEXONET is flexible polypropylene alkali-resistant mesh to be used as reinforcement to improve the multi-directional elastic performance of elastic modified polymer mineral coatings in the PLASTIVO family and of CP1/CP2 elastic protective coatings.

**PRODUCT APPLICATION**

- Structures that are potentially subject to cracking, such as roof-top swimming pools, terraces, flat roofs, etc
- Surfaces with crazing subject to thermic-dynamic movements
- Surfaces with micro-cracks caused by shrinkage, differentiated absorbency or other, such as building walls, string courses, flues, plastered surfaces, etc

ADVANTAGES

- Resistant to alkaline environment
- Easy installation thanks to its considerable capacity to be permeated
- It overall and evenly improves crack bridging capacities, fatigue strength and more generally all of the mechanical properties of the PLASTIVO/CP1/CP2 products that it is added to
- It does not alter the breathability characteristics of the mixture that it is added to
- Light and easy to handle, easy to cut
- Ladderproof

PREPARATION AND APPLICATION Preparation and installation

With irregular surfaces, repair planarity with a suitable VOLTECO mortar.

On any joints or interruptions, preventively apply the specific VOLTECO elastic strip.

We recommend pre-cutting FLEXONET for the purpose of obtaining complete coverage of the required surfaces, positioning the interruption either on the VOLTECO elastic strips or where various installation levels intersect.

In combination with PLASTIVO

Place the FLEXONET mesh on the first coat of elastic modified polymer mineral mixture, while it is still fresh, pressing it with a metal spatula until it is completely embedded.

After waiting the necessary amount of time for the first layer to dry, which varies depending on which product is used and the surrounding conditions (refer to related data sheet), proceed with applying the second coat of elastic cement-based mixture.

The edges of adjacent sheets must overlap by 10 cm.

In combination with CP1/CP2

Place the FLEXONET mesh on the first coat of approximately 1.5 mm of mineral levelling compound, while it is still fresh, pressing it with a metal spatula to help it adhere as much as possible.

Proceed immediately with a thin levelling layer on the fresh mixture, to further cover FLEXONET until it is completely embedded.



After waiting the necessary amount of time for the first layer to dry, which varies depending on the surrounding conditions (refer to related data sheet for the combined levelling product), proceed with applying the second coat of mineral levelling product with a thickness of approximately 0.5 mm. Adjacent sheets must be joined by simply positioning the edges next to each other without overlapping.



References available at www.volteco.com

PACKAGING AND STORAGE

FLEXONET is available in the following formats:

- Roll H100: width 100 cm length 50 m
- Roll H100: width 33 cm length 50 m
- Roll H100: width 16 cm length 50 m

WARNINGS - IMPORTANT NOTES

Avoid combining it with VOLTECO elastic modified polymer mineral coatings in conditions of negative hydrostatic pressure.

PHYSICAL AND TECHNICAL SPECIFICATIONS

Specification	Values
Colour	white
Weight	> 60 g/m ²
Tensile strength	> 145 N/5cm
Elongation at maximum load	> 40%

COPYRIGHT

© Copyright Volteco S.p.A. - All rights reserved.
 Information, images and text found in this document are exclusive property of Volteco S.p.A.
 They may change anytime without prior notice.
 Updated versions of this and other documentation (specification, brochure, other) are on www.volteco.com.
 In case of translation text may contain technical and linguistic inaccuracies.

LEGAL NOTES

Note for buyer/installer:
 This document prepared by Volteco S.p.A. is provided as an aid and guideline for the buyer/installer. This does not take into consideration the details of each single operational context, for which Volteco S.p.A. will not be held liable.
 This does not change and does not extend the obligations of Volteco S.p.A.
 It may vary and the installer is therefore required to update his/her information prior to each application by referring to www.volteco.com.
 The before-after sales technical/trade information of the sales network have the same validity as this document.