

# Rete 320

**Glass fibre  
strengthening mesh  
for epoxy systems**



## WHERE TO USE

**Rete 320** is used to strengthen the first coat of **Primer SN** so that any stresses generated in the substrate are evenly distributed and cracks are prevented from appearing before applying **Mapefloor System** and **Ultratop System** seamless flooring.

## Some application examples

Strengthening layer for:

- old and recently installed ceramic, porcelain and terrazzo flooring before applying epoxy or cementitious systems from the **Mapefloor** and **Ultratop System** range;
- ceramic, porcelain and terrazzo flooring patched up with cementitious materials before being treated with epoxy or cementitious systems from the **Mapefloor** and **Ultratop System** range.

## TECHNICAL CHARACTERISTICS

**Rete 320** is a glass fibre mesh treated with special primer made from alkali-resistant synthetic resin; it weighs 350 g/m<sup>2</sup> and has a mesh size of 15.7 x 10.1 mm.

When embedded in **Primer SN**, a special two-component, fillerized epoxy primer, it forms a reinforcing layer that prevents stresses being generated in the surface, thereby limiting the formation of cracks caused by the different behaviour of the various materials used to create the substrate.

## APPLICATION PROCEDURE

The **Rete 320** mesh must be completely embedded in the first coat of **Primer SN**.

The layer is formed as follows:

- Prepare the **Primer SN** as described in the Technical Data Sheet and apply a first coat with a smooth trowel.
- While the primer is still fresh, lay **Rete 320** mesh on the surface and press it gently with the trowel so that it is embedded in the layer of the primer.
- Apply a second coat of **Primer SN** so that the **Rete 320** is completely embedded between the two coats of the primer.
- Fully broadcast the surface of the **Primer SN** while it is still fresh with quartz sand with a suitable particle size (**Quartz 0.5**, **Quartz 0.9** or **Quartz 1.2**), depending on the type of flooring to be installed.

**N.B.** *If necessary, apply another coat of **Primer SN** as described in the Technical Data Sheet.*

## PACKAGING

50 metres long by 1 metre wide rolls.

## SAFETY INSTRUCTIONS FOR PREPARATION AND APPLICATION

**Rete 320** is an article and referring to the current European regulations (Reg. 1906/2007/CE - REACH)

## TECHNICAL DATA (typical values)

### PRODUCT IDENTITY

Colour:	grey
Weight (g/m <sup>2</sup> ):	350
Mesh size (mm):	15.7 x 10.1

### FINAL PERFORMANCE

Setting for 10 cm:	warp: 5.50 x 2 - weft: 7
Thickness of treated fabric (mm):	2.0
Content of combustible (LOI) (%):	20
Type of treatment:	resistant to alkalis without emollients

does not require the preparation of the Material Safety Data Sheet. During use it is recommended to wear gloves and goggles and follow the safety requirements of the workplace.

PRODUCT FOR PROFESSIONAL USE.

#### WARNING

*Although the technical details and recommendations contained in this product data sheet correspond to the best of our knowledge and experience, all the above information must, in every case, be taken as merely indicative and subject to confirmation after long-term practical application; for*

*this reason, anyone who intends to use the product must ensure beforehand that it is suitable for the envisaged application. In every case, the user alone is fully responsible for any consequences deriving from the use of the product.*

**Please refer to the current version of the Technical Data Sheet, available from our website [www.mapei.com](http://www.mapei.com)**

**All relevant references for the product are available upon request and from [www.mapei.com](http://www.mapei.com)**



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