ADDITIX PE

Thickening agent for epoxy and polyurethane resins





DESCRIPTION

Additix PE is a very light powder made from synthetic fibres and is used to increase the viscosity and thixotropy of epoxy-based and polyurethane-based resin products.

WHERE TO USE

- Making epoxy putty from fluid resin;
- Making orange-peel effect finishes on resin systems;
- Making epoxy mortar for skimming and repairing surfaces, including vertical ones.

HOW TO USE

Add as much **Additix PE** as necessary to the resin to be thickened until the required consistency is obtained.

To obtain an orange-peel effect finish with epoxy or polyurethane resin, we recommend mixing the product to be applied with 1.5-2% by weight of **Additix PE**. For skimming products or filling to be applied on vertical or steeply slope surfaces, increase the dose until the consistency required is obtained. When patching holes, cracks, joints, etc. add **Additix PE** to the resin until the consistency of a putty is obtained.

Mix **Additix PE** into the resin with an electric mixer to form an even, lump-free mix.

Adding **Additix PE** will have a strong effect on its colour and will turn it white if it hasn't been pigmented.



Primer SN thickened with Additix PE



Grouting a joint with Primer SN admixed with Additix PE



Mixing Additix PE in Primer SN

CONSUMPTION

Depending on the kind of use; from 1.5% to 5% of the weight of the epoxy or polyurethane resin to be used.

COLOUR

White.

PACKAGING

1 kg tubs.

STORAGE

Store the product in its original packaging in a dry area.

SAFETY INSTRUCTIONS FOR PREPARATION AND APPLICATION

This product contains microplastics. The synthetic polymer microparticles supplied are subject to conditions laid down by entry 78 of Annex XVII to Regulation (EC) No 1907/2006 of the European Parliament and of the Council. The use of this product is allowed only at industrial sites (derogation 4a) and if during the intended end-use synthetic polymer microparticles result as permanently incorporated into a solid matrix (5c).
Avoid release to the environment. Collect spillage. Do not dispose of rinsing water into the environment. Dispose waste in accordance with the local rules.

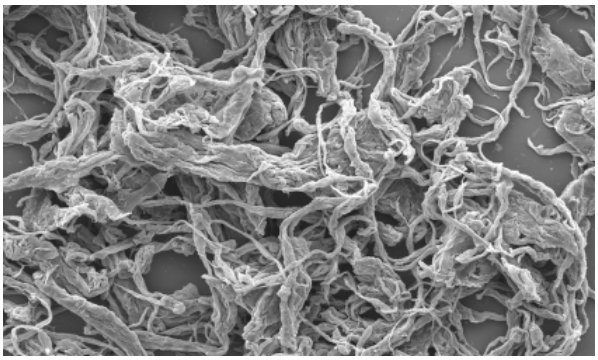
Instructions for the safe use of our products can be found on the latest version of the Safety Data Sheet, available from our website **www.mapei.com**.

PRODUCT FOR PROFESSIONAL USE.

TECHNICAL DATA (typical values)

PRODUCT IDENTITY	
Colour:	white
Density:	960 kg/m³
Swelling in water:	0%
Length of the fibres:	0.10-0.25 mm
Thickness of the fibres:	approx. 6 µm
Fibre content per gram of product:	approx. 150,000,000
Surface area of the fibres:	approx. 7.5 m²/g

Melting point:	132°C
Structure of fibre:	branched
Volumetric weight:	approx. 40 g/l



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

LEGAL NOTICE

The contents of this Technical Data Sheet ("TDS") may be copied into another project-related document, but the resulting document shall not supplement or replace requirements per the TDS in force at the time of the MAPEI product installation.

The most up-to-date TDS can be downloaded from our website www.mapei.com.

ANY ALTERATION TO THE WORDING OR REQUIREMENTS CONTAINED OR DERIVED FROM THIS TDS EXCLUDES THE RESPONSIBILITY OF MAPEI

TECHNICAL SPECIFICATIONS

Supply and installation of thickening agent made of polyethylene fibers (such as **Additix PE** by MAPEI S.p.A) to increase the viscosity and thixotropy of epoxy and polyurethane resins before using them as skimming coats, filling layers, patching, coves, orange-peel topcoats etc.

The product must have the following characteristics:

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Swelling in water:	0
Length of the fibres:	0.10-0.25 mm
Thickness of the fibres:	approx. 6 µm
Fibre content per gram of product:	approx. 150,000,000
Surface area of the fibres:	approx. 7.5 m^2/g
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Mapei S.p.A.

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