

IMPERTEC 892 Fiber

FIBER-REINFORCED MONOCOMPONENT MORTAR FOR WATERPROOFING

1. PRODUCT DESCRIPTION

IMPERTEC 892 Fiber is a waterproofing mortar composed of mixed binders, limestone and silica aggregates, additives and is fibre reinforced.

IMPERTEC 892 Fiber is supplied in 25 kg bags and packed in plastic pallets of 60 bags. Provided that it is kept in its original packaging, the product has a shelf life of 12 months under storage conditions in which it is protected from high temperatures and humidity.



2. FIELD OF USE

IMPERTEC 892 Fiber is a monocomponent waterproofing mortar that is resistant to pressure and water counterpressure. Suitable for use when waterproofing swimming pools and water tanks as well as underground constructions: basements, lift shafts, and foundations.

3. PRODUCT CHARACTERISTICS

ADHESIVE POWDER	Average values*	Reference Standard
Appearance	Grey	-
Density	1100 - 1300 kg/m ³	-
Granulometry	Fine (< 0.6 mm)	-
ADHESIVE PASTE	Average values*	Reference Standard
Application temperatures	+5°C to 30°C	-
Mixing water	19%	-
Working time once mixed	20 minutes	-
Usage	1.4 - 1.5 kg/m ² /mm	-
HARDENED ADHESIVE	Average values*	Reference Standard
Density	1550-1750 Kg/m ³	EN 1015-10
Compressive strength	≥ 30.0 N/mm ²	EN 1015-11
Capillarity	≤ 0.05 kg / m ² .min ^{1/2}	EN 1015-11
Water vapour permeability (μ)	< 35	EN 1015-19
Adhesion	≥ 1.0 N/mm ²	EN 1015-12
Reaction to fire	Class A1	EN 998-1
Thermal conductivity	0.66 W/m.K (P=90%) 0.61 W/m.K (P=50%)	EN 1745

* Results obtained in tests carried out under standard conditions, which may vary depending on the conditions of use.

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4. APPLICATION RECOMMENDATIONS

- **Preparing surfaces:**

Surfaces should be properly smoothed, cleaned, and degreased. **IMPERTEC 892 Fiber** should only be applied once dust, efflorescence, release agents, grout leakage, and rust has been completely removed. Absorbent surfaces must be previously moistened with water.

- **Preparing the mortar:**

Mix the product mechanically with 4.8 litres of water per 25 kg bag, using an electric mixer on low speed until it forms a smooth, consistent paste with no lumps.

- **How to use:**

Apply using a metal trowel in 2 perpendicular layers. Apply the first layer and, once it has dried (about 4-5 hours), apply a second layer perpendicular to the first. The second layer should be applied within 24 hours so as to guarantee perfect adhesion between the layers. The final thickness of **IMPERTEC 892 Fiber** should be at least 2-5 mm at any point.

5. RESTRICTIONS

- Not resistant to surface cracking;
- Do not use on plastered surfaces, plasterboard, painted walls, or pressed wood.
- Must not be walked on.

6. FURTHER ADVICE

- Pre-moisten the surface to be coated when working in very hot weather;
- Following application, the necessary care must be taken to protect the membrane for at least the first 24 to 48 hours;
- In the event the mortar is applied in poorly or non-ventilated locations, ensure ventilation, resorting to mechanical means if necessary.

7. HEALTH AND SAFETY

Product Safety Data Sheet available for consultation at www.argatecnic.pt or upon request from our Sales Services.

8. TECHNICAL ASSISTANCE

For technical assistance and sales information, contact:

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9. CE MARKING

 <p>YEAR: 12</p>	<p>IMPERTEC 892 Fiber EN 998-1 General use render mortar (GP) for interior and exterior Performance declaration no. 892 PDO</p>
<p>LENARGATECNIC, LDA Rua dos Castanheiros, nº 11 Boa Vista 2420-415 LEIRIA, Portugal</p>	

The information, recommendations and technical characteristics presented in this Technical Data Sheet are provided in good faith and are based on the current knowledge we have of the product. These may be altered without prior notice. Our responsibility is limited to guaranteeing the quality of the product provided according to the physical-chemical characterisation presented in this Technical Data Sheet. We cannot make any guarantees concerning its correct application, even if inferred from these instructions or contained within oral or written recommendations.



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