

# PENTAFLW PC 22 F

## Superplasticizer in powder form for premixed mortars

Technical Data Sheet December 2024

**DESCRIPTION** **Pentaflow PC 22 F** is a powder superplasticizer based on the latest generation of polycarboxylate polymers. It is characterized by immediate flowability and rapid solubilization.

**USE** **Pentaflow PC 22 F** actively enhances the hydration of the binders inside of the mortar and it is perfect for machine mixing of low, medium and high thickness fluid and self-levelling systems. It does not delay the beginning of the setting time and it is particularly suitable for obtaining excellent mechanical strengths at short and very short seasoning.

### TECHNICAL DATA

|                          | Data                              | Method     |
|--------------------------|-----------------------------------|------------|
| <b>Composition:</b>      | Polycarboxylate polymer           |            |
| <b>State:</b>            | Powder                            | Visual     |
| <b>Colour:</b>           | White-beige                       | Visual     |
| <b>Density:</b>          | $0.700 \pm 0.100 \text{ kg/dm}^3$ | IST. 10.06 |
| <b>Granulometry:</b>     | Min. 95% < 0.180 mm               | IST. 10.09 |
| <b>Humidity:</b>         | Max. 4.0%                         | IST. 10.04 |
| <b>Water solubility:</b> | Totally soluble                   | IST. 10.21 |

**DOSAGE** In the premixed dry mortars, the recommended dosage is between 0.05 and 0.30% of the weight of the admixture depending on the desired flow. However it is advisable to carry out specific tests to adjust the dosage to your needs.

**STORAGE AND VALIDITY** If it is stored in a dry and cool place in its original bags kept perfectly closed, **Pentaflow PC 22 F** has 12 months validity starting from the date of the delivery note. It is advisable to close bags carefully after each collection.

**PRECAUTIONS** Before its use, please read the Information Sheet.

**PACKAGING** 25 kg paper bags.

All the data stated in this technical sheet is based on the best of our knowledge and experience. It is advisable to carry out preventive tests. In any case, PENTACHEM does not assume any responsibility for any damage or defect caused by the use of our products, as the employment conditions are not under our control. We also inform that our technical service is at our customers' disposal for any information concerning the correct employment of our products.