

PENTAPROOF 30 P

Silicon-based waterproofing additive for mortars

Technical Data Sheet July 2021

DESCRIPTION Pentaproof 30 P is a waterproofing additive for premixed mortars, systems exposed to pouring rain and water in counterthrust, internal and external plasters, and skim coats. It is recommended for cement sealants for ceramics, where it preserves the colors without modifying them.

FEATURES Thanks to its special composition, Pentaproof 30 P gives mortars high resistances to pouring rain and water pressure absorption. Pentaproof 30 P is a silicone-based waterproofing agent on mineral base. It does not modify the colors, setting and hardening times, and final strengths of cement mixtures. The simultaneous use of Pentaproof 30 P and water reducing agents improves the final features of mortars, grouts, and concretes.

| | Data | Method |
|--------------------------|----------------------------------|------------|
| TECHNICAL DATA | | |
| State: | Powder | Visual |
| Colour: | Ivory white | Visual |
| Bulk density: | 0.500 ± 0.100 kg/dm ³ | IST. 10.07 |
| Granulometry: | Min. 94% < 0.180 mm | IST. 10.09 |
| Humidity: | Max. 8% | IST. 10.04 |
| Water solubility: | Insoluble | IST. 10.21 |

DOSAGE Recommended dosage of Pentaproof 30 P is 0.50% on the total weight of mortar in order to give resistance to capillary damp; 0.50% on the weight of the cement in order to waterproof mortars exposed to pressure. Different dosages can be used depending on the expected results, after carrying out preliminary tests.

STORAGE AND VALIDITY If stored in a dry place and in the original bags kept perfectly closed, Pentaproof 30 P has a 12 months validity from delivery note issue date. It is advisable to close bags carefully after each collection.

PRECAUTIONS Before the usage, please see Safety Data Sheets.

PACKAGING 25 kg paper bags.

All the data stated in this technical sheet are 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.