

# PENTASTUC GS 52

Additive for gypsum-based fillers and smooth finishes

Technical Data Sheet July 2023

**DESCRIPTION** Pentastuc GS 52 is an additive in powder form for the preparation of gypsum-based fillers and skim coats. The product substantially modifies the open time of the wet admixtures and allows, depending on its dosage, workability times ranging between 2 and 8 hours.

**USE** Pentastuc GS 52 is particularly suitable for the preparation of fine and very fine fillers and smooth finishes composed of gypsum and fine limestone, preferably without additives at the origin. Their average proportion is 60-70% of fine gypsum, 30-40% of fine limestone (granulometry less than 40µm) and 1 – 2 % of Pentastuc GS 52 which is introduced into the mixer together with the gypsum and other components and mixed until completely homogenized.  
For the preparation of the wet mixture it is recommended to add the necessary water under slow and continuous mixing until the desired consistency and perfect homogenization are obtained, avoiding the introduction of air

|                       | Data  | Method     |
|-----------------------|---|------------|
| <b>TECHNICAL DATA</b> | <b>State:</b> Powder                                  | Visual     |
|                       | <b>Colour:</b> White-beige                            | Visual     |
|                       | <b>Bulk density:</b> 0.600 ± 0.100 kg/dm <sup>3</sup> | IST. 10.06 |
|                       | <b>Granulometry:</b> Min. 95 % < 0.300 mm             | IST. 10.09 |
|                       | <b>Humidity:</b> Max. 4,0%                            | IST. 10.04 |
|                       | <b>Water solubility:</b> Dispersible                  | IST. 10.21 |

**DOSAGE** The recommended dosage of Pentastuc GS 52 is 1.0 ÷ 2.0 % on the dry mixture. Depending on the needs, different dosages can be used after tests.

**STORAGE AND VALIDITY** If it is stored in a dry place and in the original bags kept perfectly closed, Pentastuc GS 52 has a 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 Safety Data Sheet.

**PACKING** 25 kg paper bags

Quanto riportato nel presente bollettino tecnico rappresenta il meglio delle nostre conoscenze e delle nostre esperienze. Si consiglia comunque di eseguire prove preventive. In ogni caso la PENTACHEM non si assume alcuna responsabilità per danni o difetti causati dall'utilizzo dei propri prodotti non essendo le condizioni d'impiego sotto il suo controllo. Informa altresì che il proprio servizio tecnico è a disposizione della clientela per ogni informazione inerente al corretto uso dei propri prodotti.