



The Future of Cement Board

TECHNICAL DATASHEET

SECOLITE® Joint Filler and Skim Coat



Cofinanciado por:



Product Description

Secolite® Joint Filler and Skim Coat is a fiber-reinforced surfacing and joint mortar formulated from mixed binders, selected aggregates and additives.

Areas of Use

Secolite® Joint Filler and Skimcoat is specially designed for filling joints between Secolite® Cement Boards and smoothing and leveling of their entire surfaces in internal and external applications.

Product Characteristics

Powder Characteristics	Value	Reference
Colour	Grey	-
Granulometry	< 0,6 mm	-
Mortar Characteristics	Value	Reference
Mixing Water Ratio	24,0 % ± 1,0 %	-
Theoretical Usage	4 to 6 kg/m ² - Glue 1,6 kg/m ² /mm - Surfacing	-
Hardened Mortar	Value	Reference
Bending Strength	≥ 4,5 MPa	EN 1015-11
Compressive Strength	≥ 10 MPa	EN 1015-11
Adhesion/Failure Mode	≥ 0,8 MPa / A and B	EN 1015-12
Density	1300 ± 150 kg/m ³	EN 1015-6
Water Absorption Class	Class W2	EN 1015-18
Water Vapour Permeability	≤ 15 μ	EN 1015-19
Reaction to Fire	Class A1	EN 998-1
Thermal Conductivity	0,45 W/(m.°C) (P=50%)	NP EN 1745

Instructions for Use

Preparation of Mortar:

Add 4.5 to 5.0 litres of clean water for each 20 kg bag of Secolite® Joint Filler and Skim Coat used. Use an electric mixer to blend the water and powder until homogeneous. Application temperatures are between 5 °C and 30 ° C. If the compound begins to harden during application, do not mix it with more water. Discard and prepare enough fresh material to finish the job.

For Filling Joints:

Secolite® Cement Boards should be installed with a 3mm to 5mm gap between adjacent panels. The joint surface must be free of dust, efflorescence, release agents, grease, loose debris or any other material that may affect adhesion.

Apply an even coat of Secolite® Joint Filler and Skim Coat to the joint ensuring that the gap between the boards is completely filled and that there is enough excess material to fully embed the joint tape. Apply 125 mm wide Secolite® Joint Tape to the center of the joint. Use a putty knife to fully embed the tape and level the joint. Usage is approximately 0.5 kg/m² of Secolite® Cement Board.

For Surface Finishing Secolite® Cement Boards

The surface of the cement boards must be clean, dry and free of grease and loose materials. The boards must be firmly fixed to the structure and the joints between the boards must be prefilled and dry. It is highly recommended to treat the board surface with Secolite® Primer or its equivalent before applying the mortar.

Use a trowel to apply a 3.5 mm to 4.5 mm thick layer of mortar evenly on the surface of the boards. Loosely embed Secolite® Reinforcing Mesh into the mortar taking care not to form creases. The mesh must be contained in the outer 1/3 of the mortar layer. Overlay the mesh 10 cm on the joints. The thickness of the dry mesh/mortar should be between 2.0 mm and 4.0 mm. Mortar usage is approximately 3 kg/m² of Secolite® Cement Boards.

Packaging and Storage

Secolite® Joint Filler and Skim Coat is packaged in 20 kg paper bags on pallets of 60. The material should be stored in a cool, dry environment in its original packaging. Validity is 12 months under ideal storage conditions. For health and safety information, refer to the SDS.