

Report N. 21/42

Sassoferrato, 6th December 2021

SUBJECT: Method statement *Argatherm* system with BKK Eco.



1

APPLICATION ON WOOD FIBRE INSULATION BOARDS

The purpose of this report is to provide technical support regarding the cycle and the procedure to be adopted to finish off a wood fibre panel with the breathable, lime-based, skim coat *Argatherm*.

METHOD STATEMENT

1. Ensure that the wood fibre panels are well anchored to the substrate and have been installed in accordance with the instructions provided by their manufacturer.

TECHNICAL DEPARTMENT

2. Apply a first coat (thickness: 4-5 mm) of *Argatherm*, lime-based skim coat plaster, evenly over the entire surface with a stainless steel flat trowel (consumption rate: $1.2 \pm 10\%$ kg/m² per mm of thickness).
3. Comb thoroughly the applied plaster with a tooth trowel with round notches (15mm) angled at 45 degrees, achieving even, rounded ridges.
4. Embed the *Polites 80*, glass-fibre reinforcing mesh, in the plaster, using a stainless steel trowel. The mesh should have no voids behind. Overlap the joints of the mesh by at least 100mm.
5. Once the first layer is dry, wet well the surface and apply evenly a second layer (thickness: 2-3 mm) of *Argatherm* over the entire surface with a stainless steel flat trowel (consumption rate: $1.2 \pm 10\%$ kg/m² per mm of thickness).
6. When *Argatherm* is still moist, it can be finished with a sponge or plastic float, according to the type of texture required.
7. Allow 5-7 days for the plaster to dry and cure, then apply the transparent water-repellent *BKK Eco*, by brush, roller or spray pump. Apply a first abundant layer, then follow with a second and, if necessary, a third layer, in one hour intervals, until full saturation of the surface is achieved (consumption rate: ~ 0.5 L/m²).
8. For any further clarifications on surface and products preparation, application, storage instructions, safety measures, tools and technical characteristics, please refer to the technical data sheets of the mentioned products. The technical data sheets are available in each product page on the Diasen website: <https://www.diasen.com/en/>

Diasen technical department remains available for further information.

Technical Department

Diasen Srl

NOTE

The present report is realized on customer's demand, it does not constitute any recognition of responsibility on the application of the products from Diasen S.r.l., it is confidential and its diffusion to other people is forbidden. The suggestions described are not binding, they only constitute a technical contribution and they do not substitute the planning and operative choices taken before and after the intervention of the customer or the appointed person for the purpose.