



A270 is a highly plastic-modified fine filler for interior substrate levelling. A270 can be applied both partially and full-surface.

PROPERTIES

- For extremely fast repair works
- Extendable to zero
- For levelling trowel marks and height offsets
- Quick setting and ready for covering
- For surface finishing
- Very smooth processing
- For filling and finishing of defects
- Consistency variably adjustable

AREAS OF APPLICATION

A270 is suitable as a substrate for

- textile floor coverings
- elastic floor coverings
- nearly all kinds of parquet
- multi-layer parquet elements according to EN 13489

Vapour-proof floor coverings should only be fitted onto the floor filler when it has fully cured.

SUITABLE SUBSTRATES

- concrete
- cement screeds
- calcium sulphate screeds
- old tiling and natural stone coverings
- old terrazzo floors
- old substrates with firmly sticking water-insoluble adhesive residues

SUBSTRATE PREPARATION

The substrate must be in the following condition:

- clean, free from cracks and frost-free
- stable
- free from grease, paint, cement laitance, separating agents, sinter layers and loose particles

Please also note:

- grind the substrate and vacuum it properly
- existing cracks must be closed with R70 Casting resin
- absorbent substrates must be primed with G110 (leave primer to dry until a tack-free film has formed)
- minimum age of concrete substrates: 6 months
- perform a concrete moisture test to check the residual moisture in cement and calcium sulphate screeds

maximum permissible residual moisture

substrate

unheated

heated

SUBSTRATE PREPARATION

cement screed	2.0 %	1.8 %
calcium sulphate screed	0.5 %	0.3%

If the substrate is a non-absorbent material or is made of old tiles, it must be primed with D1 Speed (undiluted).

APPLICATION

- mix up using cold, clean water while stirring continuously with a slow rotating agitator (cordless screwdriver with blunger top piece)
- mixing duration: at least 2 minutes
- pour A270 immediately after the mixing onto the substrate and spread in the desired layer thickness by using a trowel
- to avoid deposits of A270 process continuously
- don't mix material again that has started to set

If a second filler layer is required, it ought to be applied immediately once the first layer can be walked on. Should the first layer already have dried completely, a priming coat with G110 must be installed first. In case of processing by using the pump method the pump parts have to be emptied if down times are longer than 20 minutes. Due to the fast setting behaviour, it is recommended to mix partial quantities first.

interval between last layer application and fitting of flooring	
parquet	~ 24 hours
textile and elastic floorings	~ 30 minutes

IMPORTANT ADVISORIES

When installing levelling compounds all existing standards and guidelines in their current versions must be observed.

Existing joint plans must be taken into consideration as a matter of principle.

Moisture/damp rising from the substrate must be stopped by taking suitable measures.

While curing A270 has to be protected from direct sunlight or draught.

Due to processing differences in colour, smoothing preparations or traces of tools can remain on the top surface layer.

To achieve optimal results we recommend conducting a site-specific test sample prior to using.

You can view or download the safety datasheet at www.botament.com.

TECHNICAL VALUES & PRODUCT CHARACTERISTICS

Characteristic	Unit	Value	Comments
Mixing ratio	l	~ 1.5	water/5 kg
Layer thickness (total)	mm		
Maximum	mm	4	
Accessible after	minutes	~ 30	
Resilient after (full)	hours	~ 24	
Consumption	kg/m ² /mm	~ 1.3	
Application conditions	°C	≥ 15 ≤ 30	
Start of hardening		~ 10 - 20	per EN 196
End of hardening		~ 20 - 30	per EN 196

All technical values are laboratory results determined at 21°C ±2°C and 50% relative humidity.

base	cement combination with mineral fillers and additives
delivery form	5 kg plastic bucket
Storage	Can be stored in cool and dry conditions for at least 12 months in original unopened packs.
Cleaning agent	when fresh: water

GISCODE : ZP1

Note: The information contained in this data sheet is based on our experience and is correct to the best of our knowledge. It is, however, not binding. It will need to be adapted to the requirements of the individual structure, to the specific application and to non-standard local conditions. Application-specific conditions must be checked in advance by the planning engineer/specifier and, where different from the standard conditions indicated, will require individual approval. Technical advice provided by Botament's specialist consultants does not replace the need for a planning review by the client or its agents in respect of the history of the building or structure. Subject to this prerequisite, we are liable for the correctness of this information within the framework of our terms and conditions of sale and delivery. Recommendations of our employees deviating from the information given in our data sheets are only binding for us if they are confirmed in writing. In all cases, the generally accepted rules and practices reflecting the current state of the art must be observed. The information given in this technical data sheet is valid for the product supplied by the country company listed in the footer. It should be noted that data in other countries may differ. The product data sheets valid for the relevant foreign country must be observed. The latest technical data sheet shall apply to the exclusion of previous, duly superseded versions; the date of issue in the footer must be observed. The latest version is available from us on request or may be downloaded from our website. [2300016090]