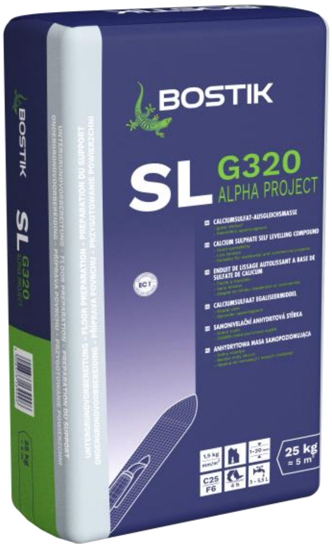
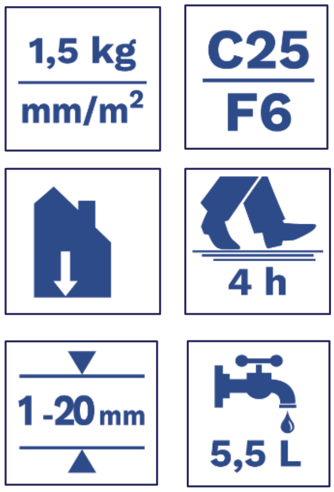
SL G320 ALPHA PROJECT

CALCIUM SULPHATE SELF LEVELLING COMPOUND

KEY BENEFITS

- **Good workability**
- **Low tension**
- **Smooth finish**
- **Economical solution**
- **Suitable for residential and commercial projects**





DESTINATION

SL G320 ALPHA PROJECT is a tension-free levelling compound based for textile, parquet and resilient floor coverings in new and renovation projects. Suitable for interior on residential and commercial areas.

Areas of applications :

New :

- Calcium sulphate or cement screeds
- Lightweight screeds
- Magnesia and xylolite screeds
- Asphalt sanded screeds
- Heating screeds

Renovation :

- Old ceramic tiles, terrazzo or natural stones
- Old adhesives residues
- Old levelling compounds
- Old resin or painted floors

Associated floor coverings :

- PVC
- Carpet
- Linoleum
- Parquet, tiles, etc...

PRODUCT CHARACTERISTICS

Composition / color	Calcium sulphate Beige color
Mixing ratio	5,5 liters of water per 25 kg bag
Application temperature	At best between +15°C and +25°C
Working time*	45 minutes
Walk on time*	4 hours
Curing time*	24 hours with a layer thickness of up to 3 mm
Application thickness	1-20 mm
Coverage	1.5 k g/mm/m²
Compressive strength	C25
Flexural strength	F6

*these times are determined at + 23° C and 50 % relative humidity on normally absorbent substrates

SUBFLOOR PREPARATION

The substrate must be sound, flat, solid, dry, free from cracks or materials (plaster, oil, grease,...) that would affect adhesion. Cement and calcium sulphate screeds must be sanded and vacuumed. Test the substrate in accordance with applicable standard and report concerns in case of defects.

If the supports do not have the required humidity level, apply our rising damp or residual moisture membranes like HYTEC E736 TURBO or any approved HYTEC solution.

Any adhesion-reducing or unstable layers, e.g. adhesives, self-levelling or paint residues, curing agents, etc... must be removed by sanding, grinding or shot-blasting. Thoroughly vacuum loose material and dust. Use a suitable BOSTIK primer Guide according to the type and condition of the substrate.

AREAS OF APPLICATION	ASSOCIATED PRIMERS
Absorbent cement screed	GRIP A310 PROJECT
Calcium sulphate screed or Calcium sulphate floating screed	GRIP A310 PROJECT GRIP A500 MULTI
Poured asphalt screeds, well sanded, swept, vacuumed	GRIP A936 XPRESS
Magnesia screed, mineral fileed	HYTEC E730 XTREM HYTEC P510 RENORAPID GRIP A936 XPRESS

Allow any primer that is applied to dry completely. Datasheets for other used products have to be observed.

The temperature of the floor must be maintained between +5°C to +25°C throughout the application and drying of the smoothing compound.

Underfloor heating systems :
Underfloor heating systems must be switched off for 48 hours before installation. Wait 7 days after installation before gradually turning up underfloor heating. Refer to your local norm and regulations in case of any technical questions.

METHOD OF USE

MIXING

Measure 5.5 litres of clear and cold into a clean mixing bucket. Gradually add the contents of **SL G320 ALPHA PROJECT** bag (25 kg) into the water, whilst continually mixing with an electric drill equipped of mixing paddle (Recommended Collomix DLX Turbine) until a smooth and lump-free mixture is obtained. This will normally be achieved after 1-2 minutes. Do not under mix.

After mixing, a maturing time of at least 1 minute is recommended to optimize the flow. Remix for 30 seconds.

The mixture will retain its self-smoothing capability for approximately 20 minutes under normal conditions.

Note: the addition of too much water may result in separation of the compound.

APPLICATION

Trowel application :
Pour the mixed material onto the prepared substrate using a smooth edge stainless steel trowel. Smooth and adjust evenly to the desired thickness. A single pass is required for applications between 1 and 10 mm.

For thicknesses higher than 10 mm, use a pump mixer and place a 5 mm thickness peripheral foam strip around the entire perimeter. A pin level may also be used to assist in gaining the required depth. Use a spiked roller to remove any trapped air and flow lines, to give a uniform surface appearance.

Pump application :
Where large floor areas require levelling, it is beneficial to apply by mortar screw pump. Application rates in excess of 200m² per hour at 5mm or 300m² per hour at 3mm are achievable by pump application. Make sure to perform periodic flow tests of the compound, from the end of the hose. Flow test results should be 140-150mm when using an EN 12706 flow tube.

Depending on the power of the pump (number of bags/hour), it will be necessary to stop pouring according to the total surface and thicknesses.
For example: stop pouring every 50 m² for 20mm using a 96-bag/hour pump, or every 20 m² for 20mm thickness using a 40-bag/hour pump.

Allows thickness adjustment up to 20 mm in a single pass.

DRYING TIME

Protect from strong sunlight and through draughts as this can dehydrate the product resulting in incorrect curing.

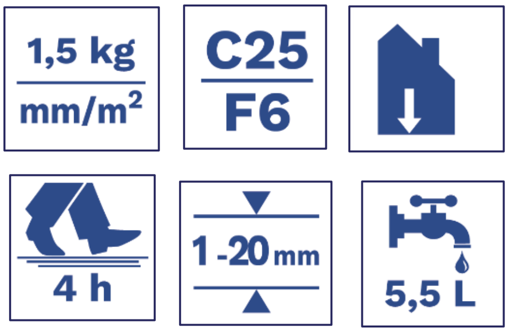
Foot Traffic :
The compound will accept foot traffic after 4 hours at +25° C (approx.) at 3mm. In lower temperatures, curing times will be extended.

Floor installation :
The curing times can vary based on the subfloor, ambient and floor temperature and humidity.

THICKNESS OF APPLICATION	READY FOR COVERING
Up to 3 mm	24 hours
Any additional mm	Additionnal 24 hours

IMPORTANT NOTES

- Never add additional water to the SLC after mixing or once applied.
- Follow the mixing instructions and recommended mixing paddle (DLX from Collomix)
- Avoid sources of heat or change in temperatures for the first few hours after application.
- For application thicknesses greater than 10 mm, always use a 5 mm thickness foam strips around the entire perimeter.
- Review the maximum allowed thickness based on the type of substrate.



OCCUPATIONAL SAFETY AND ENVIRONMENTAL PROTECTION

Keep out of reach of children. Ensure thorough ventilation during and after processing/drying! Avoid eating, drinking and smoking while processing the product. In case of contact with eyes or skin, rinse immediately with plenty of water. Do not allow the product to reach the sewerage system, water or soil. Clean tools immediately after use with soap and water. The basic requirements for the best possible indoor air quality after flooring work are installation conditions in accordance with standards and well dried substrates, primers and smoothing compounds.

COVERAGE

1.5 kg/mm/m^2

STORAGE STABILITY

Store in a dry place. Can be stored for approx. 6 months in original packaging.

CLEANING

Tools may be cleaned with water whilst the mix is still wet.

Code	UC	PCB	GENCOD
30630120	25 kg	1	4008373139994

SAFETY

For more details, consult the safety data sheet on https://bostiksds.thewercs.com/default.aspx

BOSTIK TECHNICAL ASSISTANCE

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