

BORONIVEL CA – LEVELING MIX OF GYPSUM BASE FOR FLOORS IN INDOOR DRY ROOMS**A layer thickness of 1 -20 mm**

PURPOSE:	
For making smooth and solid screeds before laying any flooring. For indoor use. Special flooring based on calcium sulfate (gypsum) for leveling cement, gypsum and other foundations for old and new construction indoors in dry rooms. Suitable for underfloor heating. Not suitable for outdoor applications, for wet rooms-kitchens, showers, bathrooms.	
QUALITIES:	
<ul style="list-style-type: none">- Modified with special polymer additives, plasticizers, additives- Special calcium sulphate (gypsum) flooring with a layer thickness of 1-20 mm- For manual and machine application- Great spill- Minimal shrinkage during hardening, no internal stresses, no pores on the surface- High compressive strength and tensile strength- Excellent wear resistance-It is manufactured according to BDS EN 13813	
CLASSIFICATION:	
TECHNICAL DATA OF THE PRODUCT*:	
Compressive strength: (BS EN 13892-2)	C20
Flexural strength: (BS EN 13892-2)	F6
Reaction to fire: (BS EN 13501-1)	class A1
Hazardous substances: (By declaring the type of material)	CA
Thermal conductivity: (BS EN 12524 or 12664)	NPD
Water permeability: (BS EN 1062-3)	NPD
Vapor permeability: (BS EN 12086)	NPD
Acoustic absorption: (BS EN 12354-6)	NPD
Chemical resistance: (BS EN 13529)	NPD
* the technical date is determinate at temperature of air 23±5°C and relative humidity 50+5%.	
CONSUMPTION RATE:	
About 1,5 kg of dry mixture/m ² per 1 mm thick layer	
SHELF LIFE:	

12 month from the date production in factory, in closed sealed package.
PACKAGE:
Multilayer bags with net weight 25 kg
STORAGE:
Store in closed and dry storage areas. SAFETY RECOMMENDATIONS P102-Keep out of the reach of children P261-Avoid inhalation of dust / smoke / gas / smoke
PREPARATION OF THE BASE:
Basis of preparation: The base must be sound, clean and dry.
Priming the basis with: To strengthen and achieve the same absorbency of priming with BORONIVEL S20 primer, which is diluted with water (1: 4-1: 5) or not diluted depending on the condition of the substrate. The substrate must be thoroughly primed before self-leveling floor screed. When used old base and new leveling screeds, use Borogrund S30 for critical base. The primers should be applied in several layers until the substrate is completely sealed. Large cracks should be primed in advance to remove them. Priming is very important to perform well to prevent later cracking of self-leveling floor screeds. The number of primer layers depends on the condition of the substrate. Apply each subsequent coat of primer after complete drying of the previous one. Primers dry for 2-4 hours at 20 ° C and 65% relative air humidity.
SUITABLE BASES:
- Concrete, cement, gypsum surfaces For other bases please consulting with us!
UNSUITABLE BASES:
- Polymer and metal surfaces
APPLICATION INSTRUMENTS:
Long notched trowel, spiked roller.
CLEANING OF THE INSTRUMENTS:
Instruments and stained seats be washed with water before they withered.
APPLICATION CONDITIONS:
- It is applied at ambient temperature and on the basis of not lower than 5°C and not higher than 30°C throughout the night. - Do not mix with other similar products.
WAY OF WORKING:
In a clean container is dosed 7,5-8,0 l water and to it was added 25 kg Boronivel CA - the content of one bag. The mixture was stirred with an electric mechanical stirrer for about 3 min to complete its homogenization. After about 5 min time for ripening again stirred. Then poured onto the primed surface and distributed with long notched trowel. To release the air from the surface is treated with a spiked roller. At normal temperature of 18-20°C the solution can be applied with very good spilling about 30 min. Higher temperatures reduce, while lower temperatures prolong the processing time. Possibility of subsequent coatings: After 24 hours at a layer thickness of up to 3 mm, provided that the humidity of the flooring does not exceed 2%. As a rule, it can be assumed that for each additional millimeter the thickness should be calculated for another 24 hours.
RECOMMENDATIONS:
The ratio of water to Boronivel CA must be strictly observed. No other materials may be added. Substrate priming must be done very well to avoid further cracking of the screed. The manufacturer guarantees the quality of the product but can not affect the condition and



way for its use. Application of the product should be carried out by qualified personnel / professional users.

It is recommended to consult technical data sheets and safety data sheet of the product. The manufacturer assumes no responsibility to compensate the customer with value other than this material. The customer is obliged to test or seek information before applying the product.

HYGIENE AND SAFE WORK:

The product contains cement and reacts alkal with water. Skin and eyes should be protected from contact with the product. For more information – reference to Safety Data Sheet.