



ULTRA LEVEL PLUS C700

HIGH FLOW CEMENT-BASED SELF-LEVELLING

01 Sep 2021

YOUR SMART ADVANTAGES

- Single component product, just add water
- Fast application, single operation
- Carpet or tile may be applied after 24hours
- Can be applied directly onto prepared concrete surfaces.
- Pumpable or manual application - high flow
- Good pot life and working time

DESCRIPTION

Bostik ULTRA LEVEL PLUS C700 is high flow cement based self-levelling underlayment formulated to achieve maximum flow without any shrinkage or cracking. Results in a smooth level surface with ease of application

Application thickness featheredge - 50 mm

USES

- Levelling new and old concrete substrates
- Recommended underlayment for all Commercial & Domestic Vinyl, Carpets, Timber / Laminates, Tiles
- Residential, commercial and medium industrial application.
- New construction and refurbishment
- Internal

PRODUCT CHARACTERISTICS

Appearance	Powder
Colour	Grey
Age	Compressive Strength
1 day	13- 15 MPa
28 days	30- 35 MPa
Age	Tensile Adhesion Strength
1 day	≥ 2 MPa
28 days	≥ 4 MPa
Reflow time	More than 60 minutes
Ready for foot traffic	14-16 hours
Ready for floor coverings	24hours

APPLICATION THICKNESS

Minimum	Feather edge
Maximum	50 mm

APPLICATION TEMPERATURE

Minimum	5°C
Maximum	30°C
Bulk density	1.3 Kg/L
Fresh Wet Density	2.1 Kg/L approx. (tested in accordance to AS1012.5)
Water Requirement per 20kg Bag	4.8-5.0 Litres

PRODUCT INFO

Product codes		
30616841	20kg	Ultra Level Plus C700
30608708	5L	Ultra Prime A510
30607467	7KG	Ultra Prime Grip A520

APPLICATION INSTRUCTIONS

Substrate and Surface Preparation

- Ensure the concrete substrate is clean and free from oil, grease, sealers, curing compounds, paints, polymer coatings, dust or other foreign (bond breaking) matter.
- Excess bitumen, adhesive or laitance should be removed by light scabbling or mechanical captive shot blasting or grinding, followed by vacuuming to remove debris and dust.
- Large cracks or holes may be filled using **Bostik ULTRA LEVEL RAMP C920** in accordance with the Technical Data Sheet.

Priming

BOSTIK ULTRA LEVEL PLUS C700

Prior to carrying out the application the substrate must be primed with:

- Porous Substrate: Must be primed with **Bostik ULTRA PRIME A510** Concentrate.
- Non Porous: Must be primed with **Bostik ULTRA PRIME GRIP A520**.

APPLICATION INSTRUCTIONS (cont)

Priming (cont)

- For concrete substrates that contain greater than 5.5% moisture content or are subject to greater than 70% relative humidity, rising damp or moisture, it is recommended that **Bostik ULTRA MOISTURE SEAL E500** be applied as a vapour barrier. Refer to the **Bostik ULTRA MOISTURE SEAL E500** Technical Data Sheet. Floors treated with **Bostik ULTRA MOISTURE SEAL E500** should be treated as a non-porous surface and primed with **Bostik ULTRA PRIME GRIP A520**.
- Always Refer to the primers Technical Data Sheet for more information.

MIXING

Bostik ULTRA LEVEL PLUS C700 requires between 4.8-5.0 litres of potable water per 20 kg bag and is best mixed with a forced action, high shear stirrer, powered by a heavy-duty electric mixing drill at approx. 600 r.p.m.

- Add pre-measured water to a clean mixing bucket.
- Gradually add **Bostik ULTRA LEVEL PLUS C700** into the water whilst continuously mixing the contents of the bucket. When the entire contents of the bag have been added to the water, mix for a further 2-3 minutes to produce a smooth homogenous and fluid consistency.

CAUTION

DO NOT MIX BY HAND.

DO NOT ADD EXCESS WATER.

Discard any hardened or stiffened compound that has formed in the mixing bucket. Further addition of water will NOT reconstitute a useable mixture.

Placing

Primed areas should receive the **Bostik ULTRA LEVEL PLUS C700** as soon as possible to avoid dust and surface contamination affecting adhesion of the **Bostik ULTRA LEVEL PLUS C700** to the Primer.

- Pour the mixed material on the primed substrate.
- Depending on desired thickness, either allow material to seek its own level or spread the material with a steel trowel, spreader or squeegee. Keep the trowel slightly inclined to obtain desired thickness.
- Pour the next mix of material. To ensure uniform consistency and flow application, it is advised that subsequent mixes are ready to enable continuous pouring.
- For very large areas, **Bostik ULTRA LEVEL PLUS C700** can also be applied using an automatic pump. (Consult Bostik for further information).

Curing

Protect the finished area against damage during curing.

To avoid too rapid drying protect from direct sunlight or drying winds during actual application, and while curing for up to 12 hours.

COVERAGE

A 20kg bag of **Bostik ULTRA LEVEL PLUS C700** mixed with 4.8 litres of potable water will yield approximately 12 litres. To determine the number of bags needed per m², use the formula:

No of **Bostik ULTRA LEVEL PLUS C700** bags =

$$\frac{(\text{Floor Area (in m}^2\text{)} \times \text{Application Thickness (in mm)})}{\text{Mix Volume (in litres)}}$$

Note: The values are estimate only and do not include wastage.

CLEAN-UP

Bostik ULTRA LEVEL PLUS C700 should be removed from tools and equipment with clean water immediately after use.

STORAGE & SHELF LIFE

Bostik ULTRA LEVEL PLUS C700 has a shelf life of 12 months in unopened bags. Must be stored in a cool dry elevated place and protected from humidity.

IMPORTANT NOTES

- **Bostik ULTRA LEVEL PLUS C700** must not be used in areas subject to occasional or permanent wetting or where backwater pressure is likely.
- **Bostik ULTRA LEVEL PLUS C700** is not designed as a wearing coarse, scratch coat or as a water-proofing agent, and should only be used as an underlayment
- If substrate on to which **Bostik ULTRA LEVEL PLUS C700** is applied moves or cracks, reflective cracking will occur in the **Bostik ULTRA LEVEL PLUS C700**
- For large and thick sections it is advised to check the moisture content of **Bostik ULTRA LEVEL PLUS C700** prior to application of floor coverings
- Check concrete substrates for moisture content prior to application of **Bostik ULTRA LEVEL PLUS C700**
- For new concrete surfaces, it is recommended they must be at least 21 days old prior to application of **Bostik ULTRA LEVEL PLUS C700**
- Do not mix by hand.
- Do not add excess water.
- If **Bostik ULTRA LEVEL PLUS C700** is over-watered, do not place it onto the substrate. It must be discarded.
- In all cases, test areas must be performed to ensure suitability of the product for the intended use.

BOSTIK ULTRA LEVEL PLUS C700

BOSTIK CO-OPERATIVE TEST PROGRAM

Bostik offer a service in which a program has been established to eliminate potential field problems by pre-testing Bostik products with samples of building materials to which the product will be applied. This service is available on large projects where pre-application testing will aid in determining the correct product. Consult a Bostik representative for further information.

VOC

SCAQMD VOC % <1
US RULE 1168 VOC g/L <1

PRECAUTIONS IN USE

Complete details on each of the products mentioned are available on the product Safety Data Sheets. To ensure no harm is caused to persons using Bostik products, it is recommended that all concerned read the appropriate Safety Data Sheets. Visit www.bostik.com/australia for copies.

For emergency information contact the Poisons Information Centre, phone 131 126 or the Emergency Response Service, phone 1800 033 111.

BOSTIK HOTLINE

Smart help 1800 267 845



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