



Cempolay Universal Primer

A WATER-BASED, SOLVENT-FREE, ACRYLIC DISPERSION FLOOR PRIMER

TECHNICAL SHEET NO: TDS01799 31/07/2024

SMART ADVANTAGES

- Ready mixed & easy to apply
- A bonding agent for non-porous substrates
- Suitable for porous substrates when diluted

DESCRIPTION

Bostik Cempolay Universal Primer is a water-based, solvent-free, acrylic dispersion primer. It is a primer/bonding agent used prior to the application of any of the Bostik self-levelling compounds.

In undiluted form it can be used on all smooth and dense substrates and non-porous substrates that include power floated concrete, calcium sulphate-based screeds, mastic asphalt, firmly bonded unglazed ceramic tiles, terrazzo & quarry tiles, rigid metal and surface membranes.

In diluted form (1 : 2 with cold clean water) it can be used on porous substrates, including concrete, sand/cement screeds and flooring grade plywood.



TECHNICAL CHARACTERISTICS

Colour	Pale green
Form	Liquid
Specific gravity	1.0 approx.
Composition	Polymer mix
Application temperature	+5°C to +27°C
Drying times	Less than 1 hour in good drying conditions (depending on ambient temperature and humidity)

COVERAGE

- Undiluted as a bonding aid: 37.5m² to 50m²
- Diluted as a primer: 60m² to 75m²
(depending on the smoothness and absorbency of the floor surface)

APPLICATION

IMPORTANT: Before using Bostik Cempolay Universal Primer, refer to the relevant Health & Safety Data Sheet, available at www.bostik.com/uk.

All phases of the application should comply with the current editions of:

- BS 8102 Code of practice for protection of below ground structures against water ingress.
- BS 5325 Code of practice for installation of textile floor coverings.
- BS 8203 Code of practice for installation of resilient floor coverings.
- BS 8201 Code of practice for installation of flooring of wood and wood-based panels.

PREPARATION

- Ensure the subfloor is clean, sound and dry (<75%RH), of adequate tensile & compressive strength, free from laitance, cracks, structural defects and contaminants that may prevent adhesion (e.g., dust, oil, grease, paint, plaster, polish, some curing compounds, surface hardeners and additives must be completely removed), and conforms to BS 8204 code of practice.
- Bostik Cempolay Universal Primer can be used over traces of old adhesive residues, providing they are well bonded and not moisture soluble. However, it is not suitable for use over tackifier or bituminous or water-soluble adhesives. These must be completely removed.
- The temperature of the floor and application environment must be stable and maintained between +5°C and +27°C.

UNDERFLOOR HEATING

- Bostik Cempolay Universal Primer can be used on substrates containing warm water underfloor heating systems. The system must be switched off 48 hours prior to, during and for 48 hours post application. To prevent rapid dehydration, wait 48 hours after installation before gradually turning up underfloor heating.
- For electrical radiant underfloor heating systems, please contact Technical Services.

APPLICATION

Smooth, dense/non-porous substrates:

- Apply undiluted Bostik Cempolay Universal Primer to the substrate using a brush or roller. Work well into the substrate and ensure that a thin, even coat is obtained.
- Allow to fully dry.

Porous substrates:

- Dilute in the ratio 1 part Bostik Cempolay Universal Primer to 2 parts cold clean water.
- Apply the diluted Bostik Cempolay Universal Primer to the substrate by brush or roller. Work well into the substrate and ensure that an even coat is obtained.
- On very porous substrates, or any substrates likely to produce air holes in a self-levelling compound, a second application may be required once the first coat is fully dry.

Calcium sulphate-based screeds:

- First coat: dilute in the ratio 1 part Bostik Cempolay Universal Primer to 3 parts cold clean water.
- Apply the diluted Bostik Cempolay Universal Primer to the substrate by brush or roller. Work well into the substrate and ensure that an even coat is obtained.
- Allow to dry before applying a second coat.
- Second coat: dilute in the ratio 1 part Bostik Cempolay Universal Primer to 1 part cold clean water and apply as first coat.
- Allow to fully dry.

DRYING TIMES

- Drying times may vary depending upon site conditions, substrate type and installation environment.
- The drying time depends on how absorbent the subfloor is, the air humidity and both the ambient & floor temperatures.
- Bostik Cempolay Universal Primer will dry within one hour under good drying conditions.
- However, under cold, damp conditions this will be extended. Conversely, drying times can be reduced with good ventilation, low ambient humidity and moderate heat.
- Avoid using heaters that produce water vapour, such as fuel burning space heaters, as these will slow the drying rate.
- Cementitious self-levelling compounds can be applied immediately after the primer has dried.

SELF-LEVELLING COMPOUND APPLICATION

- Bostik Cempolay Universal Primer must be kept free from foot traffic and contamination from dust and materials from other trades until the Bostik self-levelling compound has been applied.
- Cover with a minimum 3mm thickness of a Bostik self-levelling compound to provide an absorption medium for any subsequent adhesive. The self-levelling compound should be applied within 24 hours (cementitious self-levelling compounds must be applied immediately after the primer has dried). Should this not be achieved then a fresh application of Bostik Cempolay Universal Primer should be applied.
- Allow the self-levelling compound to dry and bond the floor covering with the recommended Bostik adhesive.

CLEANING

- Clean tools and equipment with warm water immediately after use. Dried material may be removed with white spirit.

STORAGE

- Store and transport securely in an upright position. Ensure the cap is fully closed. Store for up to 12 months from date of manufacture in original, unopened packaging in cool, dry conditions within the temperature range +5°C to +25°C and out of direct sunlight. Protect from frost.

PRECAUTIONS IN USE

For any application not covered, please contact Technical Services on +44 (0)1785 272625 or visit www.bostik.com/uk for advice.

Recommendations and suggestions are for guidance only, since conditions of use are completely beyond our control.

For health and safety instruction, first aid measures and spillage and disposal instructions, see separate Health and Safety Data sheet for Bostik Cempolay Universal Primer, available at www.bostik.com/uk.

PACKAGING		
Product codes	30607656	2.5L polyjerries x 6

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