

CN 94

Special primer

Special primer for reliable bonding between floor levelling compounds, ceramic coverings and natural stones on critical surfaces

CHARACTERISTICS

- ▶ for critical substrate surfaces
- ▶ very high adhesion
- ▶ for absorbent and non-absorbent substrates
- ▶ rapid drying

SCOPE OF USE

Special primer and adhesion promoter for critical indoor substrates. Used to strengthen absorbent and non-absorbent substrates on walls and floors. For use on calcium sulphate screeds, cement screeds, mastic asphalt screeds, dry screeds (CN 98), concrete, vacuum concrete. Also for use on wooden substrates such as stiff wooden floor boards or particle boards. For use on floor levelling compounds, tiles, natural and artificial stone coverings, dispersion and rigid EP reaction resin paints. Also for use on lime casts, lime-cement plasters and cement plasters (PIc, PII, PIII), gypsum plasters and gypsum planks (PIV a, b; PV), as well as aerated concrete elements. Suitable for existing old substrates with remains of adhesive or paint coats.

SUBSTRATE PREPARATION

CN 94 adheres to all solid, load-bearing, dry and clean surfaces free of substances which can cause separation. Test the load-bearing capacity and strength of the surface. Clean the surface and remove the dust. For detailed information on substrate preparation refer to the table below.

APPLICATION

Shake vigorously before use and then dilute CN 94 with water at a ratio of 1 part CN 94 to 3 parts of water. When used on wooden substrates and mastic asphalt screeds, in combination with floor levelling compounds, CN 94 must be applied undiluted. Thinly



apply CN 94 directly with a brush or paint brush, avoiding the formation of puddles. Depending on the site-specific drying conditions, work can be resumed after approx. 2 to 4 hours. After thorough drying, the surface must be scratch-proof, otherwise prime again. The subsequent coat should be applied within 24 hours.

Clean the tools with water after use. Hardened material can only be removed with solvents or paint removers. Use CN 94 only in dry conditions and at temperatures of +5 °C to +35 °C.

PLEASE NOTE

Avoid draught. Do not drain CN 94 into the sewage system. Do not admix other additives. Please refer in particular to the relevant technical data sheets of Ceresit Bautechnik products which recommend CN 94 for use as a primer.

Observe the warnings-, safety- and waste disposal advice given in the safety data sheet.

Should you need support or advice, please consult our advisory service for architects and craftsmen on the hotline numbers
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TECHNICAL DATA

| | |
|--------------------------|---|
| Base: | Neutral, pigmented synthetic resin dispersion |
| Density: | 1.02 kg/dm ³ |
| Colour: | light blue |
| Dilution ratio: | 1 part of CN 94 : 3 parts of water or undiluted (see under "Application") |
| Drying time: | approx. 2 to 4 hours |
| Application temperature: | +5 °C to +35 °C |
| Amount required: | approx. 30 - 120 g/m ² depending on the application |
| Shelf life: | Approx. 12 months if stored in a tightly sealed container in cool and dry conditions. Use product in opened containers as soon as possible. |

EU VOC limit value for this product (cat A/g):
50 g/l (2007); 30 g/l (2010).
This product contains max. 10 g/l.

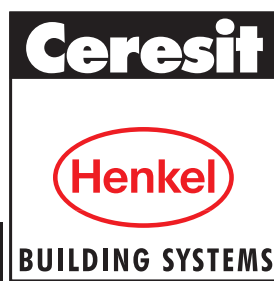


| Substrate | Requirements | Subsequent coating | Amount of CN 94 required (approx. g/m ²) |
|---|---|---|--|
| Calcium-sulphate-bound screeds (AE, AFE) | moisture content ≤ 0.5 wt-%, grind, vacuum off | tile adhesive floor levelling compound alternative sealant | 40 |
| Concrete Precast concrete members | at least 3 months old, rough, remove dust, dirt, formwork oil, cement paste etc. | tile adhesive (prime only if substrate is highly absorbent) floor levelling compound | 40 |
| Floor levelling compounds | vacuum off | tile adhesive floor levelling compound | 40 |
| Dispersion paints | only domestic areas, not for permanently wet areas, only indoors; clean, roughen and vacuum off | tile adhesive alternative sealant | 20 |
| Rigid coatings with EP reaction resin | only domestic areas, not for permanently wet areas, only indoors; clean, roughen and vacuum off | tile adhesive floor levelling compound alternative sealant | 20 |
| Screeds with glue residue | thin layer, firm adhesion, free of top coat remnants and substances that may impair adhesion; vacuum off | tile adhesive floor levelling compound | 30 |
| Tiles, natural and artificial stones, indoors | clean thoroughly, remove residues of surface care products | tile adhesive floor levelling compound | 30 |
| Fibrous plasterboards/ sandwich-type plasterboards (walls) | rigid; remove dust | tile adhesive alternative sealant | 30 |
| Gypsum plasters, gypsum planks (PIVa/b, PV) | at least 28 days old, only domestic use, moisture content ≤ 1.0 wt-%, no reverse surface moisture, remove dust | tile adhesive alternative sealant on request | 50 |
| Mastic asphalt screeds (GE 10; GE 15; GE 40) | roughened with sand, at least 3 days old, only indoors, only domestic areas, commercial areas on request, vacuum off | tile adhesive floor levelling compound | 30 100 |
| Heated screeds | refer to the relevant information sheets by the German ZDB and BEB | tile adhesive floor levelling compound | 50 |
| Wooden floor boards | d ≥ 24 mm, tongue and groove, firmly screwed, stiff; grind and vacuum off | floor levelling compound | 120 |
| Wood chipboards | V 100, floor d ≥ 25 mm, wall d ≥ 19 mm, staggered cross joints must be glued, firmly screwed, stiff; clean and vacuum off | tile adhesive floor levelling compound alternative sealant | 30 80 30 |
| Lime washes, lime/cement plasters, cement plasters (PIc, PII, PIII) | at least 28 days old, prime only if substrate is highly absorbent | tile adhesive | 50 |
| Aerated concrete elements | only indoors, remove dust | tile adhesive | 50 |
| Dry screeds, e.g. fibrous plasterboards | vacuum off, cross joints glued, d ≥ 25 mm, follow manufacturer's instructions | tile adhesive floor levelling compound | 40 |
| Cement screeds | at least 28 days old, moisture content ≤ 2 wt-%, vacuum off | tile adhesive (prime only if substrate is highly absorbent) floor levelling compound | 50 50 |

Apart from the information given here it is also important to observe the relevant guidelines and regulations of various organisations and trade associations as well as the respective standards of the German Standards Institute (DIN). The aforementioned characteristics are based on practical experience and applied testing. Warranted properties and possible uses which go beyond those warranted in this information sheet require our written confirmation. All data given was obtained at an ambient and material temperature of +23 °C and 50 % relative air humidity unless specified otherwise. Please note that under other climatic conditions hardening can be accelerated or delayed.

The information contained herein, particularly recommendations for the handling and use of our products, is based on our professional experience. As materials and conditions may vary with each intended application, and thus are beyond our sphere of influence, we strongly recommend that in each case sufficient tests are conducted to check the suitability of our products for their intended use. Legal liability cannot be accepted on the basis of the contents of this data sheet or any verbal advice given, unless there is a case of wilful misconduct or gross negligence on our part. This technical data sheet supersedes all previous editions relevant to this product.

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