

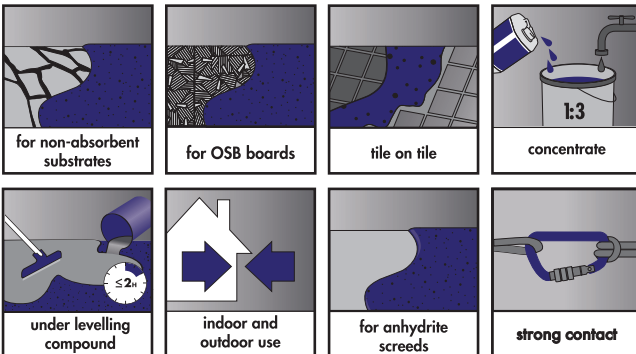
# CN 94

## STRONG CONTACT

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

### CHARACTERISTICS

- ▶ For critical substrates
- ▶ For absorbent and non-absorbent substrates
- ▶ Powerful adhesion
- ▶ Fast drying
- ▶ High strengthening effect
- ▶ Impregnation effect
- ▶ Recommended on OSB boards and ceramic tiles
- ▶ Can be diluted with water 1:3
- ▶ Excellent for the vertical surfaces



### SCOPE OF USE

Ceresit CN 94 is designed for priming substrates inside and outside buildings before laying floor levelling mortars, patching compounds, adhesive mortars for ceramic and stone tiles. It can be applied onto vertical and horizontal surfaces, both absorbent and non-absorbent ones. The formulation is particularly recommended for critical substrates (only inside the buildings) such as: screeds with adhesive residues which are difficult to remove, ceramic tiles, dispersion and epoxy paint coats. The product strengthens the substrate surface and improves adhesion to the substrate. CN 94 can be applied on anhydrite, cement and mastic asphalt screeds, prefabricated screed elements (e.g. floor gypsum-fibre board), concrete, including vacuum concrete, painted and non-painted wooderivative substrates (chipboards, OSB, boards), floor levelling mortars, existing ceramic and stone tiles, cement, cement-lime and lime plasters, gypsum and aerated concrete substrates. CN 94 can also be used on heated floor structures.



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### SUBSTRATE PREPARATION

The surfaces primed with CN 94 must be dry, load-bearing, and free of adhesion-reducing substances: fats, bitumen, dust, etc. Any stains and layers of poor strength need to be removed. This also applies to existing adhesive paints, which must be scraped off and washed down with water. Gypsum and anhydrite substrates, OSB panels and strong paint coats must be ground with coarse sand paper, and thoroughly cleaned and vacuumed. All smooth and non-absorbent surfaces must be first ground and roughened. Requirements for individual types of substrates are indicated in the table.

### APPLICATION

Shake the contents of the package several times. Concentrate must be diluted with water (mix 1 part of CN 94 with 3 parts of water). For non-absorbent, wood-derivative surfaces and mastic asphalt screeds, CN 94 should be used undiluted. Apply thin layers of the product. Spread it evenly with a brush, not creating puddles. Depending on the type of substrate, drying time is from 2 to 4 hours. After full cure, the surface must be resistant to scratching. Otherwise, the priming procedure must be repeated within 24 hours.

Tools and fresh stains should be washed with water. Dried stains may be removed with solvent.

## PLEASE NOTE

Works should be carried out in dry conditions, at air and substrate temperature ranging from +5 °C to +25 °C. Prevent draughts. CN 94 must not be poured to the sewer and mixed with other additives.

## STORAGE

Up to 18 months from the production date if stored in cool conditions and in original and undamaged packaging.

**Protect from frost!**

## PACKAGING

Canisters of 10 kg and 5 kg, and a bottle of 1 kg.

## TECHNICAL DATA

Base:	neutral, coloured, aqueous dispersion of synthetic resins
Colour:	light blue
Density:	approx. 1.02 kg/dm <sup>3</sup>
Application temperature:	from +5 °C to +25 °C
Dilution ratio:	without dilution or 1: 3 with water (see: application)
Drying time:	from 2 to 4 hours
Consumption:	0.03 to 0.12 kg/m <sup>2</sup> , depending on the application

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.

## Adhesives for ceramic tiles

### Floor levelling mortars:

Substrate	Requirements concerning the substrate	Approx consumption (g/m <sup>2</sup> )
Anhydrite screed	Humidity < 0,5%, sanded, vacuumed	40
Concrete	Age over 3 months, rough, vacuumed	40
Floor levelling mortar	Vacuumed	40
Hardened epoxy coatings	In housing only, in dry rooms, cleaned, sanded, vacuumed.	20
Screeds with difficult to remove adhesives	Adhesive residue (only thin layers with strong adhesion) without remnants of carpet linings and substances reducing adhesion, vacuumed	30
Ceramic and stone tiles indoors	Thoroughly cleaned, without preservatives and other substances that reduce adhesion	30
Mastic asphalt screeds; indoors only	Rough, sand hot floated, aged above 3 days, de-dusted (in residential quarters; in general buildings only after consultation).	100
Heating screeds	In accordance with the general guidelines of applications	50
Floorboards	Thickness > 24 mm, on the "tongue and groove", firmly bolted, rigid, sanded, vacuumed	120
Chipboards	V 100, thickness > 25 mm, with offset and glued pins, firmly bolted, rigid, sanded, vacuumed	80
Floorboards e.g. gypsum-fibre	Vacuumed, layers glued according to the recommendations of boards' manufacturers, thickness > 25 mm	40
Cement screeds	Age over 28 days, humidity < 4 %, vacuumed	50

### Adhesives for ceramic tiles:

Substrate	Requirements concerning the substrate	Approx consumption (g/m <sup>2</sup> )
Painted coating	In housing only, in dry rooms, cleaned, sanded, vacuumed.	20
Ceramic and stone tiles outdoors (in locations not exposed to permanent moisture)	Sanded, without defects, slope > 2.5%, thoroughly cleaned.	30
Gypsum fibre boards and gypsum cardboards (wall)	Stiffened, dusted	30
Gypsum plasters and gypsum substrates	Age above 28 days, humidity < 1%, sanded, dusted (only in residential quarters, on sub-bases protected against moisturising from outdoors).	50
Lime plasters, cement and lime plasters, cement plasters	Age above 28 days (priming is justified in case of very absorbable sub-bases).	50
Aerated concrete elements	Only indoors, dusted.	50

