Product Datasheet

Cementitious Feather Coat

UZIN NC 888 S

Rapid drying feather coat for filling and patching before floor covering work for thicknesses from 0 to 4 mm

MAIN APPLICATION FIELD:

- repair of trowel marks or imperfections on old or new levelling layers
- part-levelling and filling of holes or trowel marks
- skim-coating
- from a "feather-ege" up to 4 mm thickness

PRODUCT BENEFITS/FEATURES:

- new or old cement levelling compounds
- old screeds or concrete, which may contain old compounds and adhesive residues
- dense, mineral substrates
- existing ceramic and natural stone coverings, terrazzo or similar
- precast screeds, screed boards
- existing and new P4 - P7 or OSB 2 - OSB 4 boards, screwed or installed floatingly
- warm water underfloor heating systems or thin film heating systems
- exposure to castor wheels in accordance with DIN EN 12 529 from 1 mm thickness
- suitable for residential, commercial and industrial areas

PRODUCT BENEFITS/FEATURES:

UZIN NC 888 S has very fine aggregates and can therefore be applied by trowel from a true feather edge up to 4 mm depth in a single applicaiton. It can be used on a variety of substrates to repair substrate imperfections prior to installation of most flooring products. Floor coverings can be installed within 15 minutes* on absorbent substrates. For interior use.

- no primer required
- extremely rapid drying
- excellent surface finish
- good adhesion and very smooth finish
- good absorbence

TECHNICAL DATA:

Packaging	foil bag
Pack size	4.5 kg
Shelf life	min. 9 month
Water quantity	2.25 litres per 4.5 kg bag
Small quantity dosage	1 kg powder - 500 ml water
Color	grey
Consumption	approx. 1.1 kg/m² per mm thickness
Ideal application temperature	15 - 20 °C
Working time	approx. 20 minutes*
Ready for foot traffic	after approx. 10 minutes*
Ready for covering	after approx. 15 minutes*
Minimum application temperature	10 °C at ground level

*At 20 °C and 68% relative humitidy, at max. thickness of 1 mm on well absorbent substrates.

GEV-EMICODE EC 1 PLUS very low emission

EPD

LEED® CONTRIBUTING PRODUCT

UZIN | A brand of UZIN UTZ
DE | Uzin Utz SE | Dieselstrasse 3 | 89079 Ulm | Telephone +49 731 4097-0 | Fax +49 731 4097-110 | E-Mail info@uzin.de | Internet www.uzin.de

UZIN NC 888 S

SUBSTRATE PREPARATION:

The substrate must be sound, load-bearing, dry, free from cracks and free from materials (dirt, oil, grease) that would impair adhesion. Cement and calcium sulphate screeds must be abraded and vacuumed. Test the substrate in accordance with applicable standard or notices and report any deficiencies.

Any adhesion-reducing or unstable layers, e.g. release agents, loose adhesives, compounds, covering or paint residues, etc. must be removed, e.g. by brushing, abrading, grinding or shot-blasting. Thoroughly vacuum loose material and dust. Due to the high polymer content priming is not necessary on nearly all substrates. On very dense substrates, e.g. coatings or varnished areas, use UZIN PE 630, UZIN PE 280 or UZIN PE 460, gritted. On calcium sulphate screeds or gypsum levelling compounds as well as on very absorbent substrates, use UZIN PE 360.

The datasheets for other used products have to be observed.

APPLICATION:

1. Mix the desired quantitiy of UZIN NC 888 S with water. The correct water quantity for 4.5 kg is 2.25 litres. However, as partial quantities are ususally mixed, 500 ml of water have to be used for 1 kg powder. Put cold, clear water into a clean container. Sprinkle in the powder while mixing vigorously until a smooth and lump-free compound is obtained. Mix only as much mortar as can be applied within the working time of approx. 20 minutes*.
2. Pour the mortar onto the substrate and spread evenly with a smoothing trowel to the desired thickness. Leave for approx. 15 minutes* and then rework or smooth. Essential layer on non absorbent substrates is min. 3 mm.
3. Ready to accept floor covering after 15 minutes*. For subsequent installation of wood flooring, cork or laminate, the drying time is approx. 12 hours*.
4. It is important to note that many different types of adhesives are used to install floor coverings, and their absorbency into cementitious substrates can significantly vary. If it is found that the adhesive being used is drying more quickly over the UZIN NC 888 S than over adjacent concrete, we recommend that the surface of the underlayment be primed with UZIN PE 260 diluted 1 : 3 with water. Allow the primer to dry thoroughly (1 to 2 hours), and proceed with the installation of the adhesive. The use of the primer will even out the open time of the adhesive without affecting the bond or the long-term performance.

*At 21 °C and 68% relative humitidy, at max. thickness of 1 mm on well absorbent substrates.

CONSUMPTION INFORMATION:

Layer Thickness	Approx. Consumption	Size / Coverage
1 mm	1.1 kg/m²	4.5 kg / 4.1 m²
4 mm	4.4 kg/m²	4.5 kg / 1.0 m²

IMPORTANT NOTES:

- A shelf life of 9 months when stored in dry conditions, in the original packaging. The setting and drying times may become longer if the storage time is prolonged. The properties of the cured material are not affected. Carefully and tightly reseal opened packaging and use the contents as quickly as possible.
- Best applied between 15 - 20 °C and relative humidity below 65%. Low temperatures, high humidity, little air circulation, dense substrates and large thickness will delay the setting and drying time. Whilst high temperatures and low humidity, strong air circulation and absorbent substrates will accelerate setting, drying and readiness for covering. In summer, store in cool conditions and use cold water.
- Expansion, movement and perimeter joints in the substrate must be reflected through to the surface. Fit UZIN Foam Expansion Strips to any adjacent, vertical structures to prevent the ingress of the compound into the joints.
- The minimum thickness on dense substrates is 1 mm.
- Do not use for a full area application below wood flooring. In that case, use a UZIN levelling compound, which is recommended for wood flooring, e. g. UZIN NC 580.
- Do not use in exterior or wet areas.
- Do not use as a screed or as a wear surface, a surface covering must always be applied.
- Compounds must not enter between insulation and heating pipes because of the risk of corrosion. This applies in particular for heating pipes made from galvanized steel. Insulation may only be cut off after smoothing.
- Follow the generally acknowledged rules of the trade and technology for the installation of wood flooring and floor covering in respective of the applicable national standards (e.g. EN, DIN, OE, SIA, etc.)

SEALS OF QUALITY & ECOLABELS:

- Low chromate content acc. Regulation (EC) No. 1907/2006 (REACH)
- EMICODE EC 1 PLUS / Very low-emission
- European Model EPD
- Suitable for sustainable building certifications according to: DGNB, QNG, BNB, BREEAM, LEED

COMPOSITION:

Special cements, mineral aggregates, redispersible polymers and additives.

PROTECTION OF THE WORKPLACE AND THE ENVIRONMENT:

Contains cement low in chromate acc. Regulation (EC) No. 1907/ 2006 (REACH). Cement produces strong alkaline on reaction with water. Avoid contact with skin and eyes. In the

event of contact, rinse immediately with water. In the event of skin or eye irritation, seek medical advice. Use protective gloves. When mixing wear a protective dust-mask. Presents no physiological or ecological risk when fully cured. Basic prerequisites for best possible indoor air quality following floor covering work are conformity to standards of the working conditions, as well as thoroughly dry substrate, primer and smoothing compound.

DISPOSAL:

Where possible, collect product residues and re-use. Do not allow to get into drains, sewers or ground. Empty paper packaging is recyclable. Collect waste product, mix with water, allow to harden, then dispose as Construction Waste.