



Feather Coat

# UZIN NC 888 S

Rapid drying feather coat

## Description:

Rapid setting feather coat for repair, filling and patching. Can be used on a variety of substrates to repair subfloor imperfections prior to installation of most flooring products. UZIN NC 888 S has very fine aggregates enabling it to be applied by trowel to a true feather edge. It has excellent bonding properties to plywood, concrete, ceramic tile, terrazzo, and old non-water soluble adhesive residues without the use of a primer. It is quick drying cement which allows for most floor coverings to be installed within 15 minutes on absorbent substrates. UZIN NC 888 S is an ideal material for repairing minor imperfections, holes, trowel marks, skim coating and ramping. It can be applied by trowel from a true feather edge up to 4 mm depth in a single application.

Suitable for / on:

- ▶ new or old cement smoothing compounds
- ▶ existing substrates with well-bonded, waterproof residues of adhesives and smoothing compounds
- ▶ dense, mineral substrates
- ▶ large and small format tiling and natural stone
- ▶ dry screed materials, chipboard and OSB boards
- ▶ all standard construction screeds, concrete or other substrate types
- ▶ also for use as a "low-slump repair mortar" on old adhesive residues and for smoothing out to a feather-edge
- ▶ heavy wear in domestic and commercial locations
- ▶ warm water underfloor heating systems
- ▶ exposure to castor wheels in accordance with DIN EN 12 529
- ▶ as a system component in high-speed construction

## Product Properties / Benefits:

Extremely fine aggregate, with a tight, sealed finish for a "feather-edge" up to a max. thickness of 4 mm. Very rapid setting and once set to accept foot traffic, ready for covering after approx. 15 minutes on well absorbent subfloors.\*



**Composition:** Special cements, mineral aggregates, redispersible polymers and additives.

- ▶ now with better adhesion and smoother finish
- ▶ from a "feather-edge" up to 4 mm thickness
- ▶ no primer required
- ▶ extremely rapid drying
- ▶ excellent surface finish
- ▶ fine aggregate
- ▶ bags are protected against damage
- ▶ plastic drum is available for mixing powder
- ▶ extended shelf life in original unopened drum
- ▶ Low chromate content according to EU-VO 1907/2006 (REACH)
- ▶ EMICODE EC 1 R PLUS / Very low-emission

## Technical Data:

Packaging:	bag or two bags in plastic drum
Pack size:	4.5 kg or 2 x 4.5 kg
Shelf life:	min. 9 months
Required water quantity:	2.25 litres per 4.5 kg bag
Colour:	grey
Working temperature:	min. 10 °C on floor level
Working time:	approx. 20 minutes*
Set to foot traffic:	after approx. 10 minutes*
Ready for floor coverings:	after approx. 15 minutes*

\*At 21 °C / 70 °F and 68 % relative humidity at maximum thickness of 1 mm and well absorbent subfloors. See also "Application".

## Substrate Preparation:

The subfloor must be structurally sound, solid, dry, free from cracks, clean and free of all contaminants such as grease, oil, paint, waxes, curing and sealing compounds that would impair adhesion. Test the substrate in accordance with applicable standards relative to moisture content. Any weakly bonded or soft surface material such as loose adhesive residues, levelling compounds, salts, floor coverings or coatings must be removed by shot blasting, abrading, grinding or wet scraping. Thoroughly vacuum all loose material or dust. Caution: Do not sand or grind adhesive residue, as harmful dust may result. Inhalation of asbestos dust may cause asbestosis or other serious bodily harm. Refer to the Resilient Floor Covering Institute's publication "Recommended Work Practices for Removal of Resilient Floor Coverings" for instructions. Due to its very high polymer content, no primer is required on most surfaces. On very smooth substrates, such as coatings or painted surfaces, prime with UZIN PE 280. On very absorbent or sandy surfaces, smoothing with UZIN NC 888 S will be made easier if primed with UZIN PE 260 diluted 3 parts water to one part primer.

## Application:

1. The ideal mixing ratio of UZIN NC 888 S is two parts powder to one part water. Mix 2.25 litres water per 4.5 kg bag. This will usually produce the ideal consistency.
2. Pour cold, clean water into a clean container. Slowly pour in the powder while stirring vigorously and blend to a viscous, lump-free consistency. Only mix as much mortar as can be used within the 20 minute working time.
3. Apply evenly onto the substrate to the desired thickness using a smoothing trowel. The recommended minimum depth on non-absorbent surfaces to receive impervious flooring is 3 mm.
4. Ready for floor covering after approx. 15 minutes\* for normal floor covering installations. When laying wood flooring, cork or laminates after repair works with UZIN NC 888 S the drying time is approx. 12 hours\*. Interior use only.
5. 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 / 70 °F and 68 % relative humidity. At maximum thickness of 1 mm and well absorbent subfloors.

## Consumption:

Thickness	Approx. coverage per 4.5 kg
1 mm	4.1 m <sup>2</sup>
4 mm	1 m <sup>2</sup>

## Important Notes:

- ▶ Shelf life minimum 9 months in original packaging when stored in dry conditions. Tightly reseal opened bags.
- ▶ Optimum work conditions are 15 – 21 °C, floor temperature above 15 °C / 59 °F and relative air humidity below 65 %. Low temperatures and high air humidity lengthen the drying time, whilst high temperatures and high air humidity shorten the drying time. In summer store in cool conditions and use cold water. Do not use as a smoothing compound under wood flooring. For this, use UZIN NC 174 or UZIN NC 170 LevelStar.
- ▶ minimum thickness on dense substrates is 1 mm.
- ▶ Do not use in exterior or wet areas.
- ▶ Do not use as a screed or wearing surface – a surface covering must always be installed.
- ▶ The following standards, regulations and publications are applicable and especially recommended:
  - DIN 18 365 "Working with floor coverings"
  - DIN 18 356 "Working with wood flooring"
  - TKB specification sheet "Assessment and preparation of surfaces for floor covering and wood floor covering"
  - BEB specification sheet "Assessment and preparation of surfaces"

## 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. When mixing wear a protective dust-mask. Use protective gloves. Presents no physiological or ecological risk when fully cured.

EMICODE EC 1 R PLUS – very low emission. Within the scope of current knowledge, gives off no emissions of formaldehyde, hazardous materials or volatile organic compounds (VOC).

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 dispersal into drains, sewers or ground. Empty packages are recyclable. Collect waste material, mix with water and allow to harden, then dispose as Construction Waste.