



Turbo-Compound

UZIN NC 880

Rapid repair compound for fine smoothing and filling work prior to covering installation

Description:

Fine, very smooth and extremely rapid setting compound for smoothing over trowel marks or surface imperfections in old and new cement-based compounds. Ideal as a filler for small imperfections, holes and surface damage. For skimming over jointed surfaces and improving the surface finish on screeds, existing subfloors and stairs. Also for use as a smoothing compound up to 4 mm thickness.

Excellent adhesion – even without primer – to all usual construction surfaces prior to installation of floor coverings. For interior use only.

Suitable for / on:

- ▶ new or old cement levelling compounds
- ▶ existing substrates with well-bonded, waterproof residues of adhesives and levelling 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 smoothing compound" on old adhesive residues and for smoothing out to a feather-edge
- ▶ heavy wear in domestic, commercial and industrial 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, therefore can be used as a spotting compound or, in small areas, also as a smoothing compound with a tight, sealed finish for a "feather-edge" up to a max. thickness of 4 mm. Very rapid setting and drying and, once set to accept foot traffic, ready for covering after a further approx. 30 mins. *

Composition: Special cements, mineral additives, polyvinyl acetate copolymers and additives.

- ▶ From a "feather-edge" up to 4 mm thickness
- ▶ No primer required
- ▶ Extremely rapid drying due the chemical conversion of the moisture content
- ▶ Excellent surface finish
- ▶ Fine aggregate, no visible trowel marks
- ▶ Supplied in a practical plastic drum
- ▶ Low chromate content

Technical Data:

Packaging:	plastic drum
Packsize:	5 kg
Shelf life:	min. 12 months
Required water quantity:	1.65 litres per 5 kg drum
Part quantities:	for 1 kg of powder, 330 ml of water
Colour:	grey
Consumption:	approx. 1.2 kg / m ² per mm of thickness
Working temperature:	min. 5 °C / 41 °F am floor level
Working time:	approx. 5 minutes*
Set to foot traffic:	after approx. 30 minutes*
Ready for floor coverings:	after approx. 30 minutes*
Ready for wood flooring:	after approx. 24 hours*

*At 20 °C / 68 °F and 65 % relative humidity at maximum thickness of 4 mm. See also "Application".



Substrate Preparation:

The substrate must be sound, load-bearing, dry, free from cracks and free from materials that would impair adhesion (dirt, oil, grease). Test the substrate in accordance with applicable standards and notices and report any deficiencies.

Remove any weak or soft surface areas, e.g. separating agents, loose residues of adhesives, compounds, coverings or coatings, etc., e.g. by brushing or abrading. Thoroughly vacuum off all loose material and dust. Due to its very high polymer content, no primer is required on most surfaces. On very smooth substrates, such as coatings or painted surfaces, use UZIN PE 460 gritted, UZIN PE 630 or UZIN PE 280. On very absorbent or sandy surfaces, application will be made easier if primed with UZIN PE 360.

Refer to the Product Data Sheets for other products used.

Application:

1. Mix UZIN NC 880 with water in the desired quantity. For 5 kg, the correct water quantity is 1.65 litres. Mix always part quantities, 1 kg of powder with 330 ml of water will usually produce the ideal consistency.
2. Put cold, clean water into a clean container. Sprinkle in the powder whilst stirring vigorously and mix until lump-free. Only mix as much mortar as can be used within the working time of 5 minutes.
3. Apply the compound evenly onto the substrate to the desired thickness using a smoothing trowel. After approx. 15 minutes*, UZIN NC 880 can be worked or smoothed. The recommended thickness on non-absorbent surfaces is min. 1 mm.
4. Ready for covering after approx. 30 minutes* in normal floor covering installations. When laying wood flooring, cork or laminates, the drying time is approx. 24 hours*.

*At 20 °C / 68 °F and 65 % relative humidity.

Consumption:

Thickness	Consumption	Approx. coverage per 5 kg drum
1 mm	1.2 kg/m ²	4 m ²
4 mm	4.8 kg/m ²	1 m ²

Important Notes:

- ▶ Shelf life at least 12 months in original packaging when stored in dry conditions. Carefully and tightly re-seal opened packaging and use the contents as quickly as possible.
- ▶ Optimum conditions are 15 – 20 °C / 59 – 68 °F and relative humidity below 65 %. Low temperatures, high humidity and greater thickness will delay, whilst high temperatures and low humidity will accelerate the setting, drying and readiness for covering. In summer, store in cool conditions and use cold water.
- ▶ Expansion-, movement- and connection-joints in the substrate must be reflected through to the surface. As necessary, fit UZIN Expansion Strips to any adjoining structures to prevent ingress of the compound into the connection joints.
- ▶ Minimum thickness 1 mm on dense surfaces.
- ▶ Do not use as a levelling compound under wood flooring. For this, use UZIN NC 174.
- ▶ 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 notices are applicable and especially recommended:
 - DIN 18 365 "Working with floor coverings"
 - DIN 18 356 "Working with wood flooring and wood-blocks"
 - TKB publication "Assessment and preparation of substrates for floor covering and wood flooring installation"
 - BEB publication "Assessment and preparation of substrates"

Protection of the Workplace and the Environment:

Contains cement low in chromate acc. Directive 2003/53/EC. Cement produces strong alkaline on reaction with water. Avoid contact with skin and eyes. In the event of contact, rinse thoroughly and immediately with water. In the event of skin or eye irritation, consult a doctor. When mixing wear a protective dust-mask. Use protective gloves. Presents no physiological or ecological risk when fully cured.

Disposal:

Where possible, collect product residues and re-use. Do not allow dispersal into drains, sewers or ground. Empty plastic containers are recyclable. Collect waste material, mix with water and allow to harden, then dispose as Construction Waste.