

# UZIN NC 149 sh

General-purpose, self-smoothing and levelling compound

## Description:

Self-levelling cement smoothing compound for levelling and smoothing of interior surfaces.

## Especially suitable for:

- ▶ Standard smoothing work and normal wear in domestic and light commercial locations
- ▶ Use on warm water underfloor heating systems
- ▶ Producing level, fully prepared surfaces with good absorbency for textile and PVC floor coverings
- ▶ Use on cement screeds
- ▶ Use on existing surfaces with well-bonden residues of adhesive and smoothing compound

## Product Property / Benefits:

Plasticised dry cement mortar with finely graded fillers. When mixed with water, produces a hydraulic-setting smoothing compound with good flow properties and high coverage.



**Composition: Special cements, mineral fillers, polyvinylacetate-copolymers, flow agents and additives.**

- ▶ For thickness up to 6 mm
- ▶ Excellent flow properties
- ▶ Rapid setting and readiness for covering
- ▶ Low in stresses
- ▶ High strength
- ▶ Excellent absorbency
- ▶ Environmentally friendly

## Technical Data :

Packaging:	paper bag
Pack-size:	25 kg
Shelf-Life:	6 months
Water quantity required:	6.0 litres per 25 kg bag
Powder colour:	grey
Consumption:	approx. 1.5 kg / m <sup>2</sup> per mm of thickness
Coverage:	approx. 17m <sup>2</sup> (25 kg) at 1 mm
Working temperature:	min. 10°C at floor level
Working time:	20 – 30 minutes*
Set to traffic:	after 3 – 4 hours*
Ready for covering:	after approx. 24 hours*

\*Under normal conditions at 20 °C/65% relative humidity and 2 mm thickness.

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## Subfloor Preparation:

The surface must be sound, dry, free from cracks, clean and free from materials that would impair adhesion.

Test the surface in accordance with applicable standards and notices and report any concerns regarding deficiencies.

Brush, abrade, grind or shot-blast to remove weakly bonded or soft surface areas.

Thoroughly vacuum off all loose material and dust.

Select a suitable primer from the UZIN Product Guide according to surface type and condition.

Allow primers to dry thoroughly. Refer to the Product Data Sheets for the products used.

## Application:

1. Put 6.0 litres (25kg bag) of cold clean water into a clean container. Sprinkle in the bag contents whilst stirring briskly and mix to a thick-fluid, lump-free consistency. Use a drill or mixer fitted with a Wolff® Mixing Paddle. Do not mix too thinly.
2. Pour out the mix onto the subfloor and distribute evenly with a smoothing trowel or the Wolff® rake. Where possible, apply to the desired thickness in one application. Flow and surface finish can be improved by using the Wolff® Spike Roller on the wet compound.
3. Drying time at 20°C and 2mm thickness is approx. 24 hours. Abrading using 60 grit sanding paper improves both the surface quality and the absorbency. Poor airflow and lower temperatures will significantly affect drying times.

## Consumption:

Thickness	Consumption	Coverage per 25 kg bag
1 mm	1.5 kg/m <sup>2</sup>	17 m <sup>2</sup>
2 mm	3.0 kg/m <sup>2</sup>	8 m <sup>2</sup>
3 mm	4.5 kg/m <sup>2</sup>	5 m <sup>2</sup>
4 mm	6.0 kg/m <sup>2</sup>	4 m <sup>2</sup>

## Important Notes:

- ▶ Shelf - Life 6 months in original packaging and in dry storage conditions. Tightly seal opened packaging and use the contents as quickly as possible.
- ▶ Optimum installation conditions are 15-25°C and relative humidity 40% - 75%. 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.
- ▶ For applications in several layers, allow the first layer to dry for 24 hours, prime with UZIN PE 360 sh and leave for 3 - 4 hours before applying the next layer.
- ▶ Protect freshly smoothed surfaces from draughts, direct sunlight and influences of heat.
- ▶ The following standards and notices are applicable and especially recommended: BS8203, BS8204, BS5325/DIN 18365 "Floorcovering Work"/ Technical Information 2/1990 of the Screed and Flooring Federal Association "Assessment and Preparation of the Surface of Anhydrite Flow Screeds".

## Protection of the Workplace and the Environment:

Irritant. Contains cement which 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:

Dispose of empty packaging according to local regulations. Collect waste material, mix with water and allow to harden, then dispose as Construction Waste.