How can worn staircases be quickly and professionally restored and bonded without solvent?

Renoplan System

The solution:

With UZIN WK 222 and UZIN NC 888 S.

"UZIN WK 222 scores in all areas with the short open time, immediate load-bearing properties and its versatility."

Ernst Wohlleb, Head of Technical Services UZIN.

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Old staircases and pedestals do not only look unpleasant but pose a safety risk. A strong contact adhesive with short open time is required to achieve a permanently safe solution with immediate readiness for traffic. UZIN WK 222 is a water-based neoprene adhesive for all contact bonding common in building constructions. The product meets all requirements for a healthy indoor climate and protects the health of the installer. Advantage of UZIN WK 222: It can be used in the same way as a traditional solvent-based contact adhesive. The low-slump quickly setting Turbo Levelling Compound UZIN NC 888 S makes the optimal and quick substrate preparation possible. UZIN NC 888 S can be processed easily and smoothly and can be applied both to horizontal and vertical surfaces. Holes in wood surfaces, screed and concrete can be easily filled, unevennesses levelled without problem. Ready for covering already after approx. 30 minutes*.

1

Prime calcium sulphate screeds and plaster levelling compounds as well as strongly absorbent, sanding substrates with the universal primer UZIN PE 360 PLUS.

2

Smoothen major undulations or roughnesses of the surface with low-slump Turbo Levelling Compound UZIN NC 888 S. Pour cold, clean water into a clean container. Sprinkle in the powder whilst mixing vigorously and mix until lump-free. Only mix as much mortar as can be applied within the working time of 5 - 10* minutes.

3

Apply the compound with the smoothing trowel uniformly up to the desired thickness onto the substrate. UZIN NC 888 S can be reworked or smoothed after approx. 15* minutes; the area is ready for covering after approx. 30 minutes*.

4

Apply the solvent-free contact adhesive UZIN WK 222 with the enclosed yellow UZIN foam roller, coarse, and on the corners and edges use the UZIN silicon brush to apply adhesive uniformly thin onto the material to be bonded and the substrate. When applying the adhesive with the supplied 25 cm roller pre-spreading on a piece of chip board or the like is recommended in order to uniformly wet the roller.

5

Aerate both adhesive layers at least until they are almost non-tacky when touched. The covering side may alternatively be coated the day before. The second adhesive side is then aerated only until the surface is “slightly finger-dry”.

6

Put down the covering immediately or within the contact adhesion time, ensure correct fit and apply full area pressure, rub on or/and tap on. Subsequent correction is not possible. After 10 - 20 minutes* rub on again with force, especially seams and edges.

* At 20 °C and 65 % relative humidity.

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