

Rapid Construction and Renovation System

UZIN TURBOLIGHT®-SYSTEM CA

Subfloor construction-system to create subfloors prior to the installation for all types of floor coverings

UZIN Turbolight®-System CA is a system - consisting of three components - for the installation of substrates that are quickly ready for covering. The advantages are a low weight per square metre, a tension-free system and a system, which is fast ready to covering on all substrates.

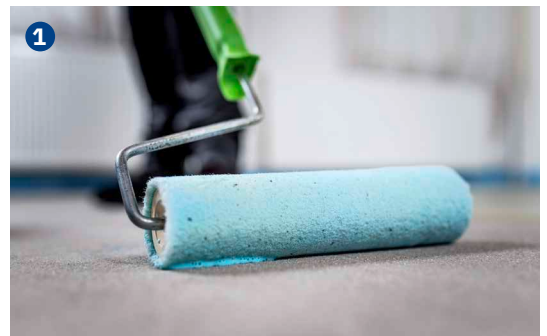
SYSTEM COMPONENTS:

- ▶ Lightweight mortar UZIN SC 904
- ▶ Renovation fleece UZIN RR 201
- ▶ Thick layer levelling compound UZIN NC 567

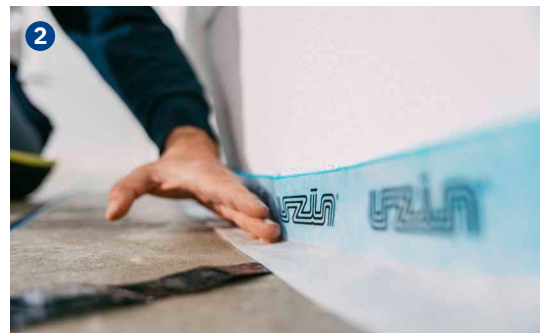


1 APPLICATION:

Prime the prepared substrate with a suitable UZIN primer. Alternatively, install on a separating layer, in which case the minimum thickness for UZIN SC 904 is 3 cm.



- 2 Apply suitable edge insulation strips, e.g. UZIN ES 8/100, to all rising building components.



- 3 Application:

a) Mixing bucket:

Prepare half of the amount of water required in a suitable mixing bucket, e. g. the Wolff mixing bucket 110 L. Pour the lightweight mortar into this mixing bucket and stir into a homogenous compound using a powerful electric hand mixer with a spiral agitator.

b) Screed pump:

Empty the contents of two bags of the lightweight mortar into the mixer. Then add the required quantity of water (16-18 litres for UZIN SC 904) and mix for two minutes. Then pump onto the installation area and apply quickly. Convey only with tank pressure. Do not use additional conveying pressure.



Tip: in the UZIN Turbolight®-System CA the lightweight mortar should ideally be installed with the lower water factor. The product is easier to work with a drier consistency.

- 4 Apply the mixed mortar and level it with a straight edge. In case of an uneven subfloor, the mortar can be applied to granulate thickness without any problems (bonded).

Tip: It is useful to compact or „tap“ the surface with a smoothing sword or trowel. This results in a denser, more closed surface, which avoids the settling of the levelling compound.

Tip: Before installing the renovation fleece UZIN RR 201, the lightweight mortar can be levelled (only scratch it up) with a „thicker“ mixed UZIN NC 567. After a short drying time normal work can be continued. This step can avoid the thick layer levelling compound from „sagging“ into the coarse-pored lightweight mortar.

- 5 After a waiting time of at least 48 hours*, UZIN RR 201 can be rolled out on the hardened surface of the lightweight mortar and cut to size with a scissor. Install the layers with a overlap of 2 – 3 cm onto the prepared substrate.

Tip: For areas > 200 m², the use of an angle profile is recommended.

- 6 Mix UZIN NC 567 with clear, cold water and apply the required quantity with a smoothing trowel or the WOLFF large-area squeegee. Set the squeegee pins to 11 mm. Then deaerate with a spiked roller.
- 7 In the area of door frames, dummy joints must be created in the thick layer levelling compound. These can be closed with e.g. UZIN NC 118 before installing the floor covering or levelling. Depending on the covering levelling, e.g. with UZIN NC 580, may be necessary. In this case, priming of UZIN PE 360 PLUS is necessary.
- 8 After the thick layer levelling compound has reached its readiness for covering* (see Technical Data Sheet UZIN Turbolight®-System CA), textile and resilient floor coverings as well as wood flooring can be installed using the usual methods. The floor covering should be installed as soon as possible.

* At 20 °C and 65 % relative humidity.

