

UZIN TURBOLIGHT®-SYSTEM CA

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

MAIN APPLICATION FIELD:

- ▶ For limited load-bearing capacity (statics) as light screed construction
- ▶ For limited build-up height as thick layer levelling compound construction
- ▶ For sagging ceilings as supporting compensating construction
- ▶ For rapid screed construction when facing tight deadlines

SUITABLE ON / FOR:

- ▶ On wooden beam ceilings and floorboards
- ▶ On concrete subfloors
- ▶ Bonded and on separating layer
- ▶ For all types of floor covering (except wood blocks)
- ▶ For all types of ceramic tiles and natural stone – also for large dimensions
- ▶ Beneath hot water and electrical underfloor heating
- ▶ Embedding thin-layer hot water underfloor heating systems
- ▶ Embedding of underfloor temperature control systems with electrical heating conductors
- ▶ For demands of home and office area use



PRODUCT BENEFITS/FEATURES:

- ▶ System composition from the bare floor to the floor covering
- ▶ Rapid construction system
- ▶ Low weight per area
- ▶ Load recommendation up to 2 kN point load and 3 kN/m² distributed load
- ▶ Good sound absorption according to DIN EN ISO 16251-1
- ▶ Max. area of application 200 m²
- ▶ Max. side length/bonded: 15 m*
- ▶ Max. side length on separating layer: 10 m*
- ▶ For interior use

*See "Important notes".

- ▶ System composition from the bare floor to the floor covering
- ▶ For all substrates and all floor coverings
- ▶ Stress-free build-up on critical substrates
- ▶ Non-marking system construction - more favourable occupational safety for installers

IMPORTANT NOTES:

- ▶ Obtain technical application advice when covering with natural stone.
- ▶ Due to the low thermal conductivity of UZIN SC 904, special attention must be paid to high temperature differences, e.g. due to extreme exposure to light in conservatories.
- ▶ If there is uncertainty about the readiness for covering of UZIN SC 904 under unfavourable climatic conditions, its moisture content can be determined on site by CM measurement. With a weight of 10 g mortar, the readiness for covering is reached when the moisture content is a maximum of 10 CM %.
- ▶ The materials used in the UZIN Turbolight®-System CA may exhibit hairline fissuring. Because of the long-fibre reinforcement they do not affect the functional capability of the overall system.
- ▶ Only static loads are to be considered for the loads released here. Dynamic loads must be considered separately.
- ▶ The individual product data sheets for the products used can be found on the www.uzin.com website.
- ▶ Hollow sound can also occur in bonded constructions. This is system-specific for the UZIN Turbolight®-System CA and does not indicate a defect.
- ▶ Before installing the UZIN Turbolight®-System CA, all finishing work should be completed, otherwise special protective measures are required.
- ▶ Joint formation: Field boundary joints can be made by cutting into UZIN NC 567 after ready for foot traffic, at the latest after 48 hours. Without thermal stress, these joints can be closed with force fit before the floor covering is installed. In case of thermal loads, application consulting should be obtained.
- ▶ If textile and elastic floor coverings are used, levelling may be necessary.
- ▶ Fastenings for installations on the UZIN Turbolight®-System CA must be carried out directly on the load-bearing ceiling. In the case of bonded constructions, installation can be carried out using the UZIN Turbolight®-System CA. In the case of constructions on a separating layer, installation must be carried out directly on the loadbearing substrate after removal of the affected floor section, observing suitable sound insulation measures.