

DD+

Self-levelling compound

For layer thicknesses of 0.5 to 5 mm

CHARACTERISTICS

- fast-setting
- excellent under parquet covering
- resistant to furniture castors
- also for use on heated screeds

SCOPE OF USE

Thomsit DD+ interior self-levelling compound is suitable for levelling and smoothing absorbent subfloors (concrete floors, cement screeds and anhydrite screeds) in layer thickness of max. 5 mm in commercial buildings and living areas. After hardening it can be covered with PVC, carpet, linoleum, rubber and laminated wooden floor coverings. It hardens very fast and due to high strength parameters it is especially recommended for glued parquet floor coverings in a layer thickness of min. 2 mm. Resistant to furniture castors, also suitable on heated screeds.

SURFACE PREPARATION

Thomsit DD+ adheres to all solid, load-bearing, clean and dry surfaces free of substances which can cause separation. Wax coatings, oil, grease and adhesive stains must be removed completely.

Concrete floors and cement screeds:

Loose and soft layers of the subfloor should be removed mechanically. Clean the surface and remove the dust. Prime the subfloor with undiluted or diluted Thomsit R 777 primer (1 part primer : 1 part water) to achieve better adhesion. Apply the levelling compound when the primed surface is dry (cc. 1 hour).

Anhydrite screeds – after sanding and removing the dust - should be primed with undiluted Thomsit R 777 primer. The drying time of the primer is 48 hours.



APPLICATION

Add 25 kg of Thomsit DD+ to 6.0 liter of clean, clear water. Stir with an electric drill and agitator attachment at max. 600 rpm until the mixture is completely free of lumps. (2–3 minutes. After a maturing time of 1–2 minutes stir it again. Pour out the levelling compound and spread it with stainless steel smoothing trowel. Thomsit DD + is suitable for machine application.

Protect the screeding layer against too rapid drying (direct sunlight etc.). The application time is approx. 20–25 minutes. All the data given were obtained at a temperature of 23°C and 50% relative air humidity. Under other climatic conditions bear in mind that hardening may be accelerated or delayed. In case of doubt check the humidity content before laying the floor covering.

PLEASE NOTE

Use Thomsit DD+ only in dry conditions at temperatures of + 10°C to + 30°C. Thomsit DD+ contains cement and reacts with water, producing

a strongly alkaline solution. Therefore protect eyes and skin. In case of contact rinse thoroughly with water. In case of contact with eyes seek medical advice immediately. Excess material can be cleaned off with water while still wet; once hardened only mechanical removal is possible. Use packages for recycling and disposal only when totally empty. Hardened product residues should be placed in dump of building waste. Do not pour into soil, surface water and drain

TECHNICAL DATA

Powder density:	1300 kg/m ³
Mix proportions:	6.0 litre of water for 25 kg
Application time:	20–25 minutes
Application temperature:	+10°C up to +30°C
Walk-on time:	2 hours
Ready for covering:	
- flexible floor coverings	24 hours up to 3 mm 48 hours above 3 mm
- parquet	approx. 3 days
Bonding strength:	min 2.0 N/mm ² after 28 days
Flexural strength:	3 days: min. 5.0 N/mm ² 28 days: min. 8.0 N/mm ²
Compressive strength:	3 days: min. 20.0 N/mm ² 28 days: min. 32.0 N/mm ²

All the data given were obtained at a temperature of 23°C and 50% relative air humidity.

STORAGE

In original, well-closed packaging in a dry, cool place.

SHELF LIFE

At least 6 months under normal climatic conditions.

OTHER INFORMATION

The aforementioned characteristics are based on our practical experience and applied testing. In case of doubt, the user should first carry out sufficient test to ensure the product is suitable. In special case obtain advice.

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