

Bardon Screed Highflow

Bardon Screed Highflow is a screed based on Alpha2000 and distinguished by a number of special technical properties. Bardon Screed Highflow on the basis of Alpha2000:

- has high early strength
- yields particularly high final strength
- thanks to low shrinkage and expansion, it boasts high volume consistency, thus avoiding
- lifting and curling
- enables even large areas to be laid with few if any movement joints
- permits a reduction in nominal screed thickness
- dispenses with the need for reinforcement, e.g. under ceramic floors
- thanks to its material benefits, it supports the efficiency of underfloor heating systems
- guarantees high laying output with rapid construction progress

Logistics

Transport in the truck mixer ensures that always the precisely required quantity of flowing screed is delivered. Additional areas for the storage of the construction material and unnecessary remaining quantities and packaging waste are no longer needed. Directly after delivery the screed can be worked mechanically.

Technical data

Strength class acc. To DIN 18560	E20 and E30
Flexural strength	≥ 4 or 6 N/mm ²
Compressive strength	≥ 25 or 35 N/mm ²
Light trafficking after	24 hours
Partially loadable after	48 hours
Working time (**)	approx. 300 minutes
Flow table value (*)	approx 230 to 260mm

(*) measured with a Hägermann table & cone
(**) after initial mixing of the screed

Once placed in the desired thickness, the screed must be agitated using a dapple rod.

Areas of application

Bardon Screed Highflow is a screed for use in residential, office and administrative buildings as well as hotels, schools and hospitals and is well suited for under floor heating systems. It is suitable to receive all types of plastic/vinyl and textile coverings as well as parquet, tiles and slabs/boards.

Curing

Fresh flowing screed must be protected from the unfavourable actions of rain, frost, direct sunlight or draughts.

Light trafficking of the screed is possible after 24 hours. Floor finishes may be applied when the residual moisture content is <0.5 CM% for vapour sensitive flooring and <1.0 CM% for vapour permeable flooring.

Remarks

Room, component and mortar temperatures during installation must be between 5°C and 35°C. 24 hours after completed installation dehumidifiers may be used.

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