

Concrete and Restoration Filler

Tempered, fibre-reinforced cement filler for restoring and smoothing concrete surfaces. Single layers can be up to 15 mm thick and multiple layers up to 30 mm thick in total. For outdoor and indoor use.

Type of use:

PROBAU Concrete and Restoration Filler can be used on walls, floors and ceilings. It bonds to concrete, plaster and masonry surfaces. The concrete and restoration filler is used for sealing joints, restoring concrete surfaces, repairing chipped stair edges, refurbishing damaged garage floors, and for countless other applications. Once hardened, it can be coated with any standard type of mineral coating.

Material:

PROBAU Concrete and Restoration Filler is a high-quality, fibre-reinforced cement filler. It is cement-bound, hydraulically hardening and notable for its high strength. After hardening, the filler is resistant to water, weather, heat and frost. The concrete and restoration filler is low chromate in accordance with TRGS 613 (Technical Rules for Hazardous Substances).

Subsurface:

The subsurface must be sound, load-bearing, dimensionally stable and free of dust, dirt, oil, grease and loose material. The subsurface should sand-blasted or high-pressure cleaned if necessary. Highly absorbent subsurfaces must be prewetted. In order to improve bonding, the concrete and restoration filler can be worked into the subsurface, using a paintbrush or broom, to act as a bonding bridge if required. Apply the subsequent coatings wet in wet.

Quantity required:

The quantity required depends on the thickness of the applied layer and the properties of the subsurface. Approximately 1.7 kg of dry mortar is required per mm thickness to cover an area of 1 m².

Processing and application:

Mixing the PROBAU Concrete and Restoration Filler continuously, add approximately 0.8 l of water per 5-kg sack (or approximately 3.4 l per 20-kg sack) to produce a mixture that is free of lumps. Add a little extra if necessary to achieve the desired consistency. Do not mix more mortar than you are able to use within one hour.

The mortar must be applied wet in wet. Eliminate all voids by pressing the mortar firmly into place with a trowel instead of trowel-throwing the plaster onto the surface. The concrete and restoration filler can be applied in a single layer with a thickness of 1 to 15 mm, or in several layers with a total thickness of up to 30 mm. If more than one layer is applied, the previous layer must first be roughened and hardened. Never use cement fillers in conjunction with non-ferrous materials such as zinc, lead, copper or aluminium (danger of corrosion).

Do not carry out works at air and surface temperatures below +5 °C. Protect the newly applied concrete and restoration filler from frost and rain and from drying out too quickly (e.g. avoid draughts and direct sunlight).

Processing and curing times:

The processing/working time at + 20 °C is approximately 1 hour. The filler takes one day per mm layer thickness of filler before it is completely hardened.

Storage:

Store appropriately in dry conditions.



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Composition:

Cement, aggregates, additives.

Packaging:

5-kg bag, 20-kg sack

Note:

The technical details are valid at 20 °C and 65 % relative humidity.

Observe the instructions on the packaging.

This product contains cement and produces an alkaline reaction when it comes into contact with moisture/water. Therefore ensure that skin and eyes are protected. If it should come into contact with the skin or eyes, rinse them thoroughly with water. See a doctor immediately if it comes into contact with the eyes. See also the information printed on the sack.

The information provided is based on extensive tests and practical experience. It does not apply to every application situation. For this reason we recommend that you carry out a trial if necessary. Subject to technical alterations within the framework of further development. Our general terms and conditions apply.

Further information is available from:

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