

TECHNICAL DATA SHEET

FINOCEM 750

Microcement

Areas of application

FINOCEM 750 is a ready-to-use polymer microcement for creating decorative seamless finishes on floor and wall surfaces. It is ideal for apartments, houses, garages, commercial spaces, offices, hotels, etc. It features ease of application, high adhesion, and mechanical resistance. It is easy to maintain. The product is part of the FINOCEM system. Available in two grain sizes: BASE and MICRO. Can be tinted in many colors from the KREISEL color chart. Suitable for application on various substrates such as plasters, concrete, cement and anhydrite screeds, including those with underfloor heating, old tiles, OSB boards, chipboards, MDF, glass, etc. Excellent for use in corridors, stairs, bathrooms, or on furniture panel surfaces. Available in many colors.

Properties

- Smooth and durable finish for walls and floors
- High abrasion resistance
- Smooth finish
- Highly durable
- Suitable for OSB and chipboard panels
- Suitable for wet rooms
- Easy to clean
- UV-resistant system

Application procedure



Technical data

Item number	42050	42052	42051	42053
Packaging				
Quantity per unit	5 kg/unit	15 kg/unit	5 kg/unit	15 kg/unit
Unit per pallet			80 Pack/sheaf	
Grain size	0-0,5 mm			
Colour	white or dyed		white or dyed	
Consumption	approx. 0,8 kg/m ²			approx. 0,2 kg/m ²

Material base

- Polymers
- Quartz additive
- Additives

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Application conditions

Apply at temperatures from +15°C to +25°C; these temperatures refer to the air, substrate, and product. Priming should be carried out after the settling, shrinkage, and drying period of masonry and concrete elements. Substrates should be durable, rigid, non-deforming, and free from moisture traces. In the case of concrete substrates, they must be free of release agents and oils used for formwork. Elevated humidity, low temperature, and insufficient ventilation may prolong the drying time.

Surface

Substrates must be cleaned of all agents that weaken adhesion and properly prepared. It is recommended to check the substrate moisture before starting work; it should not exceed 4%. For anhydrite screeds, it should not exceed 0.5% (without underfloor heating) and 0.3% (with underfloor heating). During application, the temperature of the substrate and the environment should not be lower than 15°C. The concrete class should be at least C16/20. In the case of application on a heated substrate (floor or wall), it must be heated and then cooled for at least 3 days. In wet areas, appropriate waterproofing should be used, e.g., BUDOSZCZEL-H 810. Impermeable substrates with very low absorbency (old tiles, OSB boards, etc.) should be prepared using the FINOKONTAKT 760 bonding bridge. In necessary cases, it is recommended to embed reinforcing mesh. Substrates requiring reinforcement should be primed with FINOPRIMER 765. The drying time for FINOKONTAKT 760 and FINOPRIMER 765 primers should be at least 4 hours. After drying, FINOKONTAKT 760 primer should be leveled and sanded if necessary.

Ceramic tiles: use FINOKONTAKT 760

OSB boards, chipboard, furniture boards: use FINOKONTAKT 760

Concrete, reinforced concrete: use FINOPRIMER 765

Glass: use FINOKONTAKT 760

Cement screeds, anhydrite screeds, cement-lime plasters, gypsum plasters, drywall boards: use FINOPRIMER 765

Preparation

Ready-to-use product. Before use, mix the product well with a slow-speed drill; for tinted products, check the color against the order. Use product from the same production batch on one surface. To improve consistency, the addition

of 3% water is possible.

Application procedure

After the last primer layer has dried, apply FINOCEM 750 evenly over the entire substrate surface using a steel trowel, Venetian trowel, putty knife for smoothing, or other metal tools. The thickness of each layer should not exceed 1 mm (BASE) or 0.5 mm (MICRO). Apply subsequent batches of material using the wet-on-wet method, covering the entire surface while moving towards the exit direction. Do not interrupt the work during application. After approximately 4 hours, when the material has fully set and is dry, sand it using an orbital sander or another sander with 80-120 grit sandpaper (depending on the desired effect). A diamond polishing disc with 50 or 100 grit can also be used for sanding. Sand corners and hard-to-reach areas with a triangular sander or manually. After sanding, thoroughly vacuum the entire surface and apply the next layer of microcement. Microcement should be applied in at least two layers, each time after the previous layer has dried and been sanded. Use the MICRO variant when a high degree of smoothness is required. Maintain appropriate drying and sanding intervals between layers. The final layer, after drying for at least 8 hours, sanding, and thorough vacuuming, should be sealed with two layers of FINOTOP PU 2K 770 polyurethane lacquer. Full system curing and water resistance are achieved after 7 days.

Post-application treatment

Surfaces made of FinoCem microcement have a decorative character and require proper care. For daily cleaning, use water and neutral pH agents, and remove dirt—especially liquids and fats—immediately. Do not use aggressive detergents (acidic, strongly alkaline) or products that may cause discoloration; before using a new product, it is advisable to test it in an inconspicuous area. Felt or rubber pads are recommended under furniture (chairs, tables, etc.) to ensure even load distribution and help reduce the formation of dents.

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General information

This product data sheet replaces all its previous versions. The information, included in this technical card, represents our current knowledge and practical experience. This is general information only which shall not obligate the manufacturer to take any responsibility either for workmanship or for the manner of use. For there may be differences and specific execution conditions. The product shall be applied in accordance with required technical knowledge and OHS rules. Avoid contact with skin and protect eyes. In case of contact with eyes, rinse them up with a large quantity of clean water and consult a doctor. It shall be recommended to use gloves, safety goggles and protective clothing.