Combimix Product Sheet

CM 630 Lightweight

LOW DUST | LIGHTWEIGHT | PUMPABLE

CM 630 Lightweight is a dust reduced flooring product based upon cement and EPS.

Intended Use

The product is intended as a lightweight build-up on wood or any firm sublayer that are intended to be leveled with Combimix self-leveling underlayments.

Pre-treatment

The substrate should be clean and free of dust, cement skin, grease and other impurities that may prevent adhesion. In terms of the primer PP 600 forming a film, the temperature of the substrate must not fall below 10 °C. For best results, the ambient temperature in the work area should be between 10 and 25 °C. At higher or lower temperatures, the time for curing will shorten or extend. If it is ment as a floating floor, the subfloor shall be covered with age-resisting plastic before applying the CM 630. The plastic must be covering all horizontal and vertical surfaces.

Mixing

CM 630 is mixed with 7,5–9,5 liter of water for every 50 liter bag. CM 630 may be pumped with a special pump.

Execution

CM 630 is applied evenly on the substrate and a straight-edge is used to get the right thickness. Use a Bull-float to get a good surface. The CM 630 is workable for about one hour. When pumped, the CM 630 might swell up to 15 % in volume afterwards. If the product shall be applied as a floating floor the thickness of the CM 630 must be at least 30 mm and with a covering of at least 20 mm of SLU that is steel mesh reinforced.

Water requirement



7–8,5 l/50 liter

Working temperature



10–25 °C

Walkable



20–30 hrs

Weather protection



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Post-treatment and curing

The newly casted surface may be protected against too rapid dehydration by being covered with plastic. The surface should also be protected against direct sunlight, wind and rain. CM 630 is ready to be coated with self-leveling after 20–30 hours after casting, depending on temperature and RH.
Coating with self leveling:
CM 760: Min. 10 mm and no steelnet reinforcement necessary other than in wetrooms.
Rest of the 700 series: Min. 20 mm and steelnet reinforcement.

Storage time and packaging

Store in a dry environment, on an unopened plastic-coated pallet, 12 months from the date of production. The date of production is printed on the packaging. CM 630 Lightweight is delivered in plastic bags of 50 lit.

Residual Products and Safety Instructions

Recycle empty and cleaned sacks. Any remaining, dry powder that has been stored properly can be used again. Hardened material should be disposed of as construction waste. Do not wash the product into the sewage system. The cement in the product has a reduced level of chromate. Follow regulations in each respective country.

HMS Info

For current version of product information, contact Combimix at info@combimix.se Previously undated and dated issues are no longer valid. For more information contact our sales organization.

Disclaimer

pdf-disclaimer

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Product specification	
Leveling layer	15–500 mm
Material consumption	1 bag = approx. 46 litres (mixed with water)
Dry bulk density	350 kg/m³
Water requirement	7–8,5 l/50 liter
Working temperature	10–25 °C
Workable	approx. 1 hr
Walkable	20–30 hrs
Water damage resistant	yes
Swelling during pumping	< 15 %
Compressive strength class	3,0 MPa utan toppbeläggning, 5,0 MPa med toppbeläggning
Fire class / Reaction to fire	Bfl-s1
Thermal conductivity value	0,1322 W / (mK)