

Densit® SkimCoat C

- a thin top layer with high strength

Densit® SkimCoat C is a thin top layer for refurbishment and new builds. It is mainly for use in light and medium loaded areas. Very good levelling properties make it suitable for applications with special requirements for flatness.

Densit® SkimCoat C consists of a high strength cement-based dry mortar that mixes with water to a free-flowing mortar.

Densit® SkimCoat C can be applied in thickness of 3-5 mm onto new or existing concrete.

If using a special Densit Mixer Pump unit it is possible to cover large areas in short time.

Densit® SkimCoat C is a cost-effective solution and have many unique properties such as durability, high strength, wear- and mechanical resistance and impermeability.

Different colours can be obtained by adding selected pigment.

Consumption	per m ²
Densit® SkimCoat C per mm thickness	2.0 kg
Densit® Curing Compound	0.20 kg
Densidur 00	3-4 kg

Specification

The base concrete is prepared by shotblasting, scabbling, and water saturation.

The Densit® SkimCoat C dry mortar is mixed with water in a pan mixer/ continuous mixer.

The mortar is laid in 3-5 mm thickness using level indicator or guide rails.

The surface is spike-rolled.

Finally, the surface is sealed with Densit® Curing Compound.

Technical data

The properties depend upon curing temperature. The data given are typical for curing at 20°C.

Slip resistance can be improved by sand saturation of the surface.

Properties	Standard	Value	1 day	7 days	28 days
Compressive strength (MPa) ⁴⁾	EN 12190		50	80	110
Flexural strength (MPa)	EN 196		7	12	15
Wear resistance (cm ³ /50 cm ²)	EN 13892-3	8-9			
Impermeability	DIN 18130	Not permeable			
Fire classification	EN 13501-1	A1 _{fl}			
Setting time (hours)	EN 196-3	7-9			
Density (kg/m ³)	EN 12190	2200-2250			
Cr ⁶⁺ %		< 0.0002			