



TECHNICAL DATA SHEET – DENSIT® PRIMER – securing bonding between Densitop® and the base concrete

Revised: 06/2018

DESCRIPTION

Densit® Primer is a special cement-based dry ready-mixed powder. Densit® Primer works as a continuous compact bonding agent between the Densitop® screed and the base concrete. When mixed with water the Densit® Primer forms a light fluid slurry that easily can be distributed.

The base concrete is prepared by shot blasting. Afterwards the surface must be water saturated and kept moist at least 24 hours before application. The base concrete must appear clean and solid with exposed aggregates and a minimum compressive strength of 25 MPa. (1.5 MPa in pull of). Before applying the Densit® Primer the base concrete shall be vacuum cleaned to avoid ponds of water.

When cured the Densit® Primer is both impermeable and frost resistant.

If the Densitop® is coloured the Densit® Primer should be coloured likewise.

CONSUMPTION

- Approx. 1.0 kg/m² Densit® Primer
- When mixed with water 25 kg Densit® Primer yields approx. 15 l bonding agent ready for use.
- Water dosage is stated on the bag.

SPECIFICATION

- The Densit® Primer is mixed with water in a batch mixer.
- Immediately prior to laying Densitop®, the Densit® Primer is applied in a thin layer using a stiff broom.
- Ponding or puddles of primer must be avoided in the cavities of the textured surface.
- Densitop® must be laid into wet primer, which under no circumstances may dry out or appear dull.
- Only apply sufficient primer that can be covered “wet-on-wet”.

PROPERTIES	STANDARD	VALUE
Density (kg/m ³)	EN 12190	2100
Color	EN 196	Grey
Working temperature		+5 °C to + 30 °C