



1015 DRY FLOW

TECHNICAL DATASHEET

Version: 2019-05-28

PRODUCT DESCRIPTION

Bostik 1015 Dry Flow is a cement-based, pumpable, normal-drying smoothing compound for rough substrates and possesses self-drying properties. The product may produce a somewhat coarse surface which may need to be sanded, depending on the choice of surface material. Recommended layer thickness is 10 - 100 mm. The product is environmentally adapted and moisture tolerant and does not contain casein.

AREA OF USAGE

Bostik 1015 Dry Flow is intended for use on concrete substrates indoors.

WORKING INSTRUCTION

Substrate: Make sure that the substrate is free from dust, dirt, oil, grease, wax etc. and that it is solid and hard, without cracks on the surface or the like. Any layers of slime or sludge should be removed by sanding or milling. The substrate should maintain at least +10°C and RH (relative humidity) should be <95% and falling. For the best work results, the temperature in the premises should be between +10°C and +25°C. **Level checking:** Check the gradient and curvature of the substrate; if these deviate from the prescribed tolerance, the level of the surface should be marked out using Bostik Levelling Pins. In particular it is important to mark out extremely low and high points.

Priming: For improved adhesion and flowability, the surface should always be primed with Bostik Primer 6000. Please see the product data sheet Primer 6000 for information about primer dilution. **Mixing (application by hand):** Mix the smoothing compound in a suitable bucket or similar container (75-100 litres) with room for 3-4 bags. 4.0 litres of clean water should be added per 25 kg of powder. The mixing process is performed using an electric drill equipped with a mixing paddle or a turbine beater until a smooth, lump-free compound is achieved (mixing time approx. 2 minutes). Use water +5 to +20°C. **Mixing (machine application):** For machine application, use a suitable mixing pump. Set the water quantity to 16%. Check the water quantity with a flow test. If the water quantity is correct, the flowability should be in accordance with the Technical Data. During the flow test, also check that the smoothing compound has good cohesion and is free from separation. The temperature of the smoothing compound should be between +10 and +20°C. **Application:** The compound is pumped or poured out onto the substrate, and if necessary should be spread more evenly with a toothed trowel. Take the compound's open time into account in order to avoid mounds and unevenness. The working time is approx. 20 minutes and the open time is approx. 15 minutes. The surface can normally be walked on after 2-4 hours and is coatable after 7 days for a layer up to 30 mm. The specified drying times presuppose at least +23°C, max. 50% RH and a certain amount of air circulation and that RH in the substrate is <85%. It is the floor material manufacturer who determines which RH% is permitted in the substrate on application of the surface layer, The specified times should therefore be regarded as benchmark values only. When applying 2 layers, new priming should be performed between layers.

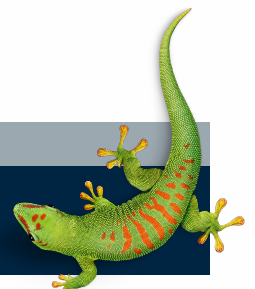
PLEASE NOTE: In the event of sunlight, high temperature, strong ventilation or other factors that could hasten the drying process, the surface should be protected against overly quick drying. Dehumidifiers should not be used. Tools should be cleaned immediately in water.

SAFETY

The product contains cement and may cause irritation. Please see the safety data sheet for more information.

CONTACT US

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TECHNICAL DATA

Properties before application	
Binder	Special cement
Ballast Natural Sand	Max. 2.0 mm
Min. thickness	10 mm
Max. thickness	100 mm
Water quantity	16%, 4.0 litres/25 kg.
Flowability (SS 923519)	Max. 140 - 150 mm (50x22 mm)
Working temperature	Between +10°C and +25°C
Working time	Approx. 20 minutes
Open time approx.	15 minutes
Walk-on time	Approx. 2-4 hours, at min. +20°C
Coatable	After 7 days for layer up to 30 mm (presupposes +23°C, max. 50% RH and a certain level of air circulation and that RH in the substrate is <85%).
Coverage	1.8 kg per m ² and mm (according to GBR)
Compressive strength class	C30
Flexural strength	F5
Shrinkage	< 0.5 mm/m
pH in hardened material	Less than 11
Reaction-to-fire class for flooring	A1fl
Storage	6 months in a dry, cool location in unopened packaging

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