

DURACON BC FLOORING SYSTEM

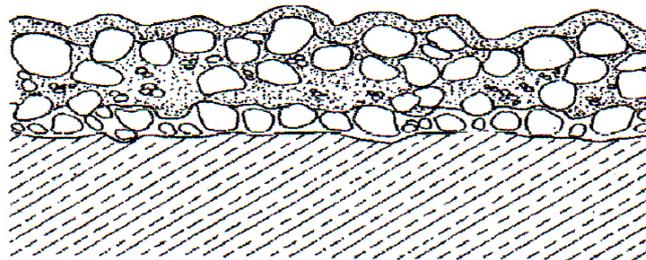
A self levelling coating - slip resistant finish

September 2023

PURPOSE AND AREAS OF USE:

The recommended system for light to medium loaded industrial floors requiring a rough, slip resistant surface. Thickness: 3-5 mm.

STRUCTURAL SCHEME:



PRIMING:

For concrete and cementitious screed	Duracon 108	0.3-0.5 kg/m ²
For metal and tile substrates	Duracon 107	approx. 0.25 kg/m ²
Duracon Catalyst (powder)		2.0 % ¹⁾
Sand for broadcasting in fresh coat		
If applying a scratch layer: natural quartz sand (0.7-1.2mm)		approx. 0.3 kg/m ²
Without applying a scratch layer: natural quartz sand (0.3-0.7mm)		approx. 0.3 kg/m ²

COVING:

Height: 5cm		
Duracon BFK		approx. 0.6 kg/m ²
Duracon Thixotropic Agent		approx. 18 g/m ²
Duracon Catalyst (powder)		2.0 % ¹⁾
Quartz sand 0.3-1.2 mm (coloured quartz sand or natural quartz sand)		approx. 1.8 kg/m
Duracon Pigment (pigment powder, RAL) PVA Colour Chips		approx. 50 kg/m quantity depends on design

SCRATCH LAYER (as required for heavy duty applications):

Trowel applied coat, thickness: 2-3 mm		
Duracon 205 or 223 (flexible resin)		approx. 1.3 kg/m ²
Duracon Catalyst (powder)		2.0 % ¹⁾
Natural quartz sand (0.7-1.2 mm)		approx. 3.5 kg/m ²
Sand for broadcasting in fresh layer		
Natural quartz sand (0.3-0.7 mm)		0.3 kg/m ²

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COATING (wear layer):

Self levelling coat, thickness: approx. 4 mm	
Duracon 205 or 223 (flexible resin)	approx. 1.2 kg/m ²
Duracon Catalyst (powder)	2.0 % ¹⁾
Duracon SNL Powder	approx. 2.4 kg/m ²
Sand for broadcasting	
For a slip resistant semi-rough surface, coloured quartz sand 0.3-0.7 mm	approx. 3.0 kg/m ²
For a slip resistant rough surface, coloured quartz sand 0.7-1.2 mm	approx. 3.9 kg/m ²

TOPCOAT:

Duracon 307 / 319	1 coat	approx. 0.5 kg/m ²
Duracon 307 / 319	2 coat	approx. 0.25 kg/m ²
Duracon Catalyst		1.5 % ¹⁾

The given amounts of resin and quartz sand are average values. The exact consumption depends on substrate conditions. With porous substrates a second prime coat may be required.

1) The required amounts of Duracon Catalyst are mentioned in percent by weight (related to resin amount). These amounts refer to application at +20°C.

For full details please refer to the relevant Technical Data Sheet and general preparation and application guidelines for Duracon floor protection systems.