

1

Demands for the sub base

To achieve a satisfactory result with Herkultit S 200 it is important that the base concrete has a surface strength of 1.5 MPa. The surface and structure of the base concrete is of crucial importance for the bonding of the top layer. If there is any doubt as to whether the base concrete can satisfy the set requirements, a tensile strength test should be carried out, or a trial layer be laid or if necessary cores drilled out for closer analysis.

Preparation of the sub base

1. Blast or mill the surface. The surface structure should be equivalent to minimum 2 mm/max 30 % of the thickness of the top layer. The surface should be free of slurry and cement film. Blasting or milling should be carried out over the entire surface, as well as in the vicinity of walls, pillars etc.
2. Clean the surface: After blasting the concrete should be thoroughly vacuum cleaned.
3. Apply water and covering: Apply water to the surface and cover with plastic film. The film must remain in place for at least 24 hours. Remove the plastic film from the surface concurrently with pouring. There must be no free-standing water on the surface during pouring (vacuum dewatered).



2

Instructions for Herkultit Primer

2,5 kg Herkultit Primer is mixed with 0.70 to 0.75 liter of water.
15 kg Herkultit Primer is mixed with 4,5 to 5,0 liter of water.

Mixing Herkultit Primer

Herkultit Primer is mixed carefully with a whisk on a powerful drilling machine. Pour the indicated amount of water into a suitable container, slowly add the dry Herkultit Primer while stirring. Mix for 5 minutes.

Laying Herkultit Primer

Herkultit Primer is applied with a brush onto the blasted or milled surface. The Herkultit Primer must not be allowed to dry (become matt on the surface).



Consumption Primer

0,8 to 1 kg/m².

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3



Instructions for Herkulit S200

25 kg Herkulit S 200 is mixed with 1,9 to 2,0 liters of water. Mix Herkulit S 200 in a paddle mixer with a powerful motor.

Laying Herkulit S200

Herkulit S 200 should be vibrated. Power-float the surface at least 5-6 times. Cover with plastic film between power-floatings or spray Lindolit 1:1 on surface directly after pouring. The material must harden from below before trowelling. Finally trowel to a shiny surface.

Colour

Basic colour: grey. For other colours add pigments. To achieve the same color as the original dry shake floor, finally top the Herkulit S 200 (before trowelling) with the same dry shake.

Consumption S200

25 kg/m² per 10mm (min 4 mm to max 12 mm thickness).

4



Afterhardening

Directly after the last trowelling, apply Lithurin II Special (water based) with the consumption of 0,15 liter per m² alternative Lindolit W (water based) with the consumption of 0,07 liter per m² (concentrate) diluted 1:3 with water in combination with water and plastic film, which are applied the following morning.

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