

Dämmputz B DP-B

Thermal plaster according to DIN 18550 T3. Low flamability. Application thickness 20 - 40 mm in one layer, max. 100 mm applying different layers.

Technische Information	
Mortar group:	T1 CS I gem. DIN EN 998-1
Compressive strength:	$\geq 0,4 \text{ N/mm}^2$
Construction Materials Group:	B 1 (low flamability)
Thermal conduction capability λ :	0,07 W/mK
Processing time:	approx. 1 hour
Processing temperature:	$> + 5^\circ\text{C}$
Water requirement:	aprox. 14 l je 75 l
Consumption:	aprox. 6,0 m ² per 75 l by an application thickness of aprox. 10 mm
Storage:	dry
Supply form:	75-Liter-Sack

Properties:

- high thermal insulation (WLG 070)
- allows water diffusion
- high productivity through use of plastering machines
- easy processing
- low flamability (Group B1 according to DIN 4102)
- light additive based on polystyrol

Application:

- as thermal insulation plaster
- as ground plaster for all wall types
- thermal plastering system with fine plaster covering according to DIN 18550 T3
- for outside walls until a max. height of 22 m
- the alternative to thermal insulation systems, specially by uneven surfaces

Base surface:

Base surface must be capable to bear loads, dry, free from dust or oils. Loose particles are to be removed. Holes on the base surface are to be covered with Dämmputz at least 24 hours in advance. The indications for the preparation for base surfaces VOB/C, DIN 18350 Part. 3 and DIN 18550 are to be applied.

Smooth concrete surfaces are to be prepared with quick-mix Zementhaftbrücke ZHB. All other base surfaces are to be prepared with the base plaster quick-mix Zement-Maschinen-Vorspritzmörtel (MZ 4).

Processing:

The processing can be done with the machine or by hand. A complete sack is to be mixed with approx. 14 liters of water. Mixing time of approx. 3-5 minutes is required. Material which has already hardened cannot be remixed. By the application with a machine is a separate mixer required.

The application thickness of Dämmputz B is 20-40 mm in one layer. A max. application thickness is 100 mm using different layers. By the application of different layers is a waiting time of 48 hours between layers required. The prepared plaster is to be applied within one hour. The surface of the plaster is just to be planed carefully. The rubbing of the surface is not allowed.

The drying period of the Dämmputz requires 1 day per applied 1 cm thickness. This drying period is to be maintained before applying the covering plaster.

Dämmputz System Variations

System D1.B:

- quick-mix Untergrundvorbereitung (Zementhaftbrücke ZHB oder Maschinenvorspritz MZ 4)
- quick-mix Dämmputz B (DP-B)
- quick-mix Spachtel- und Klebemörtel leicht SKS-KL weiß (nwa) mit Gewebeeinlage (Gewebspachtelung)
- quick-mix Kratzputz

System D2.B:

- quick-mix Untergrundvorbereitung (Zementhaftbrücke ZHB oder Maschinenvorspritz MZ 4)
- quick-mix Dämmputz B (DP-B)
- quick-mix Spachtel- und Klebemörtel leicht SKS-L weiß (wa) mit Gewebeeinlage (Gewebspachtelung), mind. 6 mm
- dünnere Schichtige Strukturedelputze (z.B. quick-mix Münchner Rauputz, quick-mix Scheibenputz, quick-mix Edelfeinputz)

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