

F8400 Dämmmer

Properties:

F8400 Dämmmer is a Special Binder based on Portland cement which is used for the easier handling for filling of underground cavities.

Technical Data:

Substance data:

Consistency	solid, powder	
Colour	grey	
Odour	odourless	
Spec. density	2,75 - 3,20 g/cm ³	
Bulk density	0,9 - 1,5 g/cm ³	
pH value	11 - 13,5	DIN EN ISO 10523
Processing temperature	5 - 30°C	substrate temperature

Water/binder ratio	0,6	0,7	0,8
Consistency range	pumpable	Free-flowing	
Viskomat moment T(t ₀) [N/mm]	35	20	15
Compressive strength (in accordance with DIN EN 196)			
after 1 d [MPa]	3,0	1,5	1,0
after 3 d [MPa]	8,0	4,0	3,0
after 7 d [MPa]	11,0	7,0	4,5
after 28 d [MPa]	16,0	11,0	7,5
Formulation			
Water [l/m ³]	635	665	695
<i>F8400 Dämmmer</i> [kg/m ³]	1055	950	870
Suspension density [kg/m ³]	1690	1615	1665
Water per 25 kg bag [l]	15,0	17,5	20,0

Processing:

The *F8400 Dämmmer* can be produced in all suitable mixing units. Ensure that the Material is mixed Lump-free and homogeneous.

F8400 Dämmmer should be processed as soon as possible after mixing, but at latest after 2 hours.

The subsurface and material temperature must not fall below +5°C during processing and after 72 hours after processing.

F8400 Dämmmer is an injection product that reacts rigidly and can therefore not be used for the grouting of moving cracks or expansions joints.

Safety information:

F8000 contains cement and is classified as hazardous according to Regulation (EC) 1272/2008 (CLP).

It is therefore necessary, before beginning processing, to become familiar with the precautions and safety advice as indicated in the material safety data sheet.

**Packaging:**

25 kg-paper bag

Storage:

Shelf life at least 6 month in original packaging when stored in dry conditions between 15 - 25°C, protected from heat, frost and direct sunlight.

After the expiration the use of the product is generally not recommended, unless an approval has been provided by TPH. This approval can only be obtained by the quality assurance department of TPH releasing the material after verification of main properties being within specification.

Disposal:

Small quantities of cured product residues can be disposed of as normal domestic waste. Dispose of not cured product components must be effected in accordance with the corresponding local regulations. For further information please refer to the material safety data sheets

Legal notice:

The correct and thus successful application of our products is not subject to our control. A guarantee can be issued for the quality of our products within the framework of our sales and supply conditions, however not for successful processing. All data and specifications in this specification sheet are based on the present state of the art and the right to changes and adaptations for the sake of development remains explicitly reserved. The consumption specifications designated by us can be only average empirical values, where deviations are possible on an individual basis and therefore cannot be excluded by us.

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