



Putz-Dichtament

Plasticizing admixture for mortars with waterproofing properties.

Product properties

- Exhibits outstanding compaction properties
- Renders the mortar water tight & highly workable.
- Efficiently withstand multiple cycles of climatic changes
- Chloride Free
- Makes the capillaries discontinues thereby providing additional waterproofing.
- Makes cement saving possible

Areas of application

- Can be admixed in all mortars and plasters requiring waterproofing and damp proofing properties.
- Suitable of damp proofing & waterproofing of structures like water tanks, basements, swimming pools.
- Suitable for external plasters and in areas where the dampness is always prevailing
- Very effective for application in sewage and water treatment structures, canal linings, underwater structures for irrigation.

Application

Putz Dichtament is a unique combination of mortar plasticizer which imparts waterproofing characteristics to the applied surfaces. It is a chloride free, highly economical integral water proofing compound. The addition of **Putz Dichtament** to well graded mortars entrains microscopic air bubbles evenly spaced in the mortar matrix. This entrained air not only plasticizes the mix but also makes the capillaries discontinuous, thereby providing additional waterproofing. **Putz Dichtament** exhibit outstanding compaction properties combined with an inbuilt plasticizing aid, thereby rendering the mortar watertight and highly workable.

Advantages

By using **Putz Dichtament** in the mix, the effective thickness of mortars and plasters can be reduced, thereby making cement saving possible. There is no wastage as mortar containing **Putz Dichtament** need not be hit on the surfaces as in conventional ways but also simply be applied by planers and rectangular trowels. There is inbuilt bonding aid which saves the loss of cement on account of rebound. The spreading and smoothing is very simple with this plasticizing aid. In addition, the efficiency of labor is increased by about 2.5 times and plastering can be done in a single operation.

Instructions for use

Putz Dichtament should be diluted with water in a ratio of one p.b.v with 30 to 50 parts by volume. The sand for preparation of the mortar should be normal mortar sand as prescribed by DIN 18550/ASTM C144 or similar relevant standards. For obtaining the water repellent exterior plaster in accordance with DIN, BS, ASTM etc either of the following mix proportions should be chosen:

1 pbw of hydrated lime with 3 pbw of sand
1 pbw of cement, 2 pbw of hydrated lime and 9 pbw of sand
1 pbw hydrated lime or standard cement with 3 to 4 pbw of sand.

Sufficient **Putz Dichtament** admixed water is to be added to any one of the above mentioned mixes to obtain the desired consistency. While proportioning the mortar mix due consideration should be given to decrease the water (10 to 15%) necessitated by the presence of **Putz Dichtament**. If moist sand is used for the mix the moisture content should be evaluated and admixing water manipulated accordingly. As a guide line in such cases, mixing of **Putz Dichtament** and water should be carried out in a ratio of 1:20 to 1:25 volumetrically.



Technical Data for Putz Dichtament

Characteristic	Unit	Value	Comments
Density	kg / cm ³	1.0	± 0.02
Mixing ratio	% by wt of cement	0.25% - 1.0%	

Product Characteristics for Putz Dichtament

Colour	Brown
Shelf Life	12 months
Delivery	230 kg drums and 30 kg cans.
Storage	Protect from direct sunlight and frost
Disposal	Packs must be emptied completely.

Note: The information on this data sheet is based on our experiences and correct to the best of our knowledge. It is, however, not binding. It has to be adjusted to the individual structure, application purpose and especially to local conditions. Our data refers to the accepted engineering rules, which have to be observed during application. This provided we are liable for the correctness of this data within the scope of our terms and conditions of sale-delivery-and-service. Recommendations of our employees which differ from the data contained in our information sheets are only binding if given in written form. The accepted engineering rules must be observed at all times.

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