

IPA PM POWDER

White powder for mixing, thin-liquid injection grouts and concrete
Avoids segregation and shrinkage of cement mortars, slightly expansive

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Product Specifications:

- to be mixed on site with cement and - if needed - in addition with fine sand
- prevents any segregation in injection grout
- gives the injection grout a high plasticity and very good flow characteristics, reduces water/cement ratio
- garnishes a good adhesion of injection grout onto the substrate
- cures without shrinking
- improving strength values comprised with normal cement grout

Processing Notes:

With IPA-PM-Powder you can produce sturdy mortars. It is used for filling & injecting cracks in masonry as well as holes and uneven spots

in masonry and concretes.

For cracks having a width of 10 mm prepare a grouting mixture having the consistency of a suspension.

For wider cracks and cavities we propose a mixture with fine sand of quartz.

Process IPA-PM-Powder using an IPA worm conveyor press, pour it or use other, suitable equipment.

MIXING RATIONS (weight ratio):

Injection Grout:

50 parts Portland-cement PZ 45 F	(1 bag)
50 parts Quartz-sand 0,06 - 0,20	(1 bag)
1 part IPA-PM-Powder	(1 kg)
25 parts Water	(25 ltr)
(Water/Cement-ratio: 0,5)	

Cement injection grout

100 parts Portland-cement PZ 45 F	(2 bags)
1 part IPA-PM-Powder	(1 kg)
30 parts Water	(30 ltr)
(Water/Cement-ratio 0,3)	

First mix the mortar relatively dry. Then put the well dosed water into the running mixer. Duration of mixing approx. 30 minutes.

If you

add IPANOL IH into the mixtures the mechanical strength is even much better.

Furtheron water-cement-ratio is lowered with same consistency and higher strength values. We recommend to put 3 - 7 % of IPANOL IH into the mixture.

Safety Recommendations:

Because of its alkalinity, IPA injection grout is corrosive! Observe all protective measures prescribed by any competent social insurance association against occupational hazards in the chemical industry. Use gloves and protective goggles. Avoid any contact between the product and your skin. For improved protection, apply cream to your hands. Use a good deal of water to wash away any splashes of material reaching your skin or eye; afterwards, immediately consult a physician.

Any advice we provide in writing or by word of mouth is intended to support your own efforts. It is to be understood as non-binding. Product descriptions imply no representation as to liability for damage, if any. Should there be any question of liability, it will be limited, in respect of any damage, to the value of any goods supplied and used.