



IPA Elastikschlämme

2 Comp. Flexible Slurry for waterproofing, with General building supervision approval

Properties:

IPA Elastikschlämme is used for flexible sealing of surfaces of buildings in- and outside against soil humidity, no pressing water on surfaces and infiltrating water, particularly at for substrates with the danger of cracks.

IPA Elastikschlämme suits for sealing of outside walls of cellars made of concrete or brickwork, holding walls, floor plates of concrete, balconies and terraces as well as gluing of flexible joint bands.

Characteristics:

IPA Elastikschlämme is a two component product:
1. Mineral dry mortar powder
2. to mixed with solvent free liquid component IPA DS Liquid.

IPA Elastikschlämme is highly adhesive and hardens without shrinking and cracks. Because of the elongation and flexibility also cracks can be bridged.

Test report:

TÜV Süd 137364 1-02
General building supervision approval DIBt Z-59.12390. IPA Elastikschlämme is tested and observed according to CE and DIN EN 1504

Application areas:

IPA Elastic Slurry is used for flexible surface sealing of structures indoors and outdoors against soil moisture, non-pressing surface and leachate, especially in areas with high levels of stress. IPA elastic slurry is suitable for sealing basement exterior walls made of concrete and masonry, retaining walls, concrete floor slabs, balconies and terraces as well as for bonding flexible joint tapes. IPA Elastikschlämme can also be used as a substrate for plasters of the mortar groups PI, PII and PIII (lime, lime cement and cement plasters) as well as for tiles and boards.

IPA Elastikschlämme is diffusible against water vapor, it is a diffusion brake against carbon dioxide (Karbonatisierungsbremse).

IPA Elastikschlämme has good adhesion to clean concrete surfaces. It is impermeable to water and is approved as a WHG §19 coating against transformer and light heating oil.

Technical data:

Materiabase	2-component Cement/synthetic resin	
	Powder component	Liquid component
Color milky	gray or white	white / milky
Mixing ratio	7 parts by weight	3 parts by weight
Weight / density ³	approx. 1.3 kg / dm ³	approx. 1.1 kg / dm

Resistance against rupture	0,43N/mm ²
Practical elongation	30%
Crack Bridging	2,5mm
Adhesive strength	1,25 N/mm ²
Resistance against Vapor diffusion	300
Waterproof test at 1,5bar	passed
Rain resistance test of fresh slurry	passed
Consumption	4-8kg/m ²
Delivered in	30kg (21kg powder and 9kg Liquid)



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Application:

Clean the surface of dust and loose parts, clean; by the way, VOB applies.

Surfaces made of fine-grained concrete B15 must be free of gravel nests, cracks, ridges and edges. Gravel nests in the concrete must be closed with IPA repair mortars before surface sealing.

Pry metal parts 1.5 cm deep. The substrate must be wetted capillary saturated; remove stagnant water (surface slightly damp).

Masonry with joints must be plastered with IPA blocking plaster or IPA uni-mortar (sealing mortar). For masonry made of calcareous sand or hollow concrete blocks made with cement mortar, IPA Elastikschlämme can be applied directly.

Do not use at temperatures below + 5 ° C, in case of expected frost or on frozen ground.

Any further application takes place after sufficient hardening (at the earliest after approx. 6 hours, depending on temperature). Intense, direct sunlight, e.g. in midsummer, or prevent excessive dehydration by wind during application (e.g., by hanging with tarpaulins). During the working time and 72 hours thereafter, the substrate and material temperature must be at least + 5 ° C, but not more than + 30 ° C, the relative humidity should not exceed 80%. The rules for the processing of cement-bound building materials apply.

Special instructions:

IPA Elastikschlämme is a cementitious product. Therefore, the color may vary slightly due to the raw material. To obtain a uniform paint color, IPA Elastikschlämme should be recoated with IPAPLAST. Skin formation in the vessel can be avoided by covering the vessel.

Mixture

Mix intensively a bag with 21 kg IPA Slurry with a can of 9kg IPA DS Liquid component (slowly running drilling machine with stirrer)

Application

Apply IPA Elastikschlämme by brush or trowel in at least two layers with the same thickness.

Application of the slurry:

IPA elastic slurry is applied in at least 2 layers in the same consistency using a brush. Adhere to the required thickness at corners and edges.

Each additional layer takes place after sufficient curing (at the earliest after approx. 6 hours, depending on temperature) of the previous layer. To bond flexible joint tapes, first coat IPA elastic slurry. Insert joint tape and repaint the side fabric. Mixed product must be processed within 1

Hour. In the fresh state IPA elastic slurry can be removed from the tools with water.

Protect fresh coatings from the sun, cold and wind and keep them moist if necessary.

Protect finished surfaces from mechanical damage; Filling construction pits according to VOB regulations.

The tools are cleaned with clean water.

Delivery containers, scraps of material, too. Mixing vessels are the official prescribed

Dispose of waste. Waste disposal key in hardened state: LGA-No. 314 09 EWC no. 17 01 0

Safety instructions:

Please wear protective clothing, safety glasses and protective gloves when working. Avoid strong dust formation as far as possible (cement dust)! Do not smoke, drink or eat during processing. In case of skin contact and splashes in eyes, rinse immediately with clean water for at least 15 minutes. It is recommended that you keep an eye wash bottle with a sterile solution ready to rinse eyes thoroughly. Then immediately consult an ophthalmologist. Please observe the safety data sheets and the regulations of the employers' liability insurance association regarding the handling with cement-bound substances.

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