

## POLYSPORT STUCCO 1050E

### GENERAL CHARACTERISTICS

**POLYSPORT STUCCO 1050E** is elastic solvent-free two component polyurethane based repair sealant and filler material.

**POLYSPORT STUCCO 1050E** resists against humidity, water and most of the chemicals. It has very good filling capacity and thixotropic properties. It has low fluidity feature with its filler structure. It can be easily applied. It provides strong and very elastic filling after the reaction.

### INGREDIENTS

<u>MATERIAL NAME</u>	<u>EC No</u>	<u>CAS No</u>
Polyol Mix	232-293-8	8001-79-4
Filler Mix	231-784-4	7727-43-7
Anti settling	212-828-1	872-50-4
Zeolite	215-283-8	1318-02-1
Miscellaneous Nonhazardous Ingredients	-	-

### TECHNICAL DATA

Mixing Ratio	9 : 1 (A : B)
Density of mixture (20°C)	app. 1,52±0.1 gr/cm <sup>3</sup>
Density of Comp. A (20°C)	app. 1,63±0.1 gr/cm <sup>3</sup>
Density of Comp. B (20°C)	app. 1,22±0.05 gr/cm <sup>3</sup>
Pot-life (23°C)	30-40 min
Application temperature	Min 5°C
Curing (20°C and %60 relative humidity)	After 24 hours it can be sanded
Color and odor	Creme, red, green

## PREPARATION- APPLICATION

It can be applied on rubber sheets, wood, metal and other kinds of surfaces except polyethylene. It is used to fill pores, cracks, dilation spaces, holes to smooth and repair the floor and other filling applications. It is also a general purpose sealant for sealing joints in building construction.

The resin component should be thoroughly stirred to incorporate any slight separation, whilst continuing stirring the contents of the hardener container should be added. Continue stirring until a homogeneous mix is obtained. The mixed material must be used within 30-40 minutes of mixing at 20°C. The surface must be dry and clean. **POLYSPORT STUCCO 1050E** can be applied by trowel. On uneven or rough surfaces, use concrete primer before applying adhesive.

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## CONSUMPTION

0,70-1,50 kg is used per m<sup>2</sup> (depends on the surface absorbance)

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## PACKAGING

30 kg. Pail (A+B), barrels

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## STORAGE

1 year under room conditions.

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## REMARKS

Substrate must be dry, clean, and free from dust, grease and oil. Application must be done between 5°C - 30 °C.

**POLYSPORT STUCCO 1050E** has to be thoroughly sanded before the application of the top aliphatic coat **POLYSPORT 1052** in order to provide a smooth clean surface for the aliphatic top coat that will follow right after the sanding process is completed.

By no means **POLYSPORT STUCCO 1050E** should be applied in thickness. The material is a pore filler and not a levelling material, and so it should be applied as pore filler (thin dragged layer over the substrate). In case it is applied in some areas in thickness, those areas should be well ground with sanding machine before subsequent layers in order to avoid cracking of the material due to oversized thickness

Attention should be given also to possible trapped humidity in the pore filler, which could lead to cracks in the material

Moreover, it is important that the mixing ratio between PU BINDER to SBR or EPDM rubber in the underlying cushion mixtures is kept as stable as possible in order to obtain similar flexibility of the cushion throughout the surface. Otherwise, areas with different flexibilities might occur. Same can happen if the mixing is not properly done in the paving machine or in the barrels/drums to secure uniformity throughout

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**CAUTION**

Harmful if swallowed. Seek immediately medical attention. Rubber gloves and safety glasses with side guards should be worn.

**For more information consult the material safety data sheet.**

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The information given here is true, represents our best knowledge and is based not only on laboratory work, but also on field experience. However, because of numerous factors affecting results we offer this information without any guarantee and no patent liability is assumed. For additional information or questions, contact the technical department of KDF LTD.