POOLKEMIE

Liquid Rubbers & Resins
Chemicals for Industry & Artworks

KEMIEPOX STUCCO - 16
Paste type structural epoxy adhesive

RESIN	HARDENER	MIXING RATIO
STUCCO 16 Component A	STUCCO 16 Component B	100:100

DESCRIPTION:

Paste type structural epoxy adhesive for concrete, stone, metal, wood.
Solvent and shrinkage free product, with very high mechanical strength, applicable also on vertical surfaces and ceilings.
Easy mixing ratio 1:1 weight/volume.

PACKING:

Kg. 10 + 10 (A+B) cans

STORAGE AND PRECAUTIONS:

1 year, stored in their original tightly closed containers at temperatures in the range from +5° and +30°C.
If stored at low temperature, the component A might crystallize, in this case warm the container in hot water (60-80°C) for 2-3 hours and than let to reach 20-30°C before use.

APPLICATION METHOD:

- The surfaces to be treated with KEMIEPOX Stucco shall be perfectly free from oil residues, greases, dirt, dust, and any other contaminant. Metallic surfaces shall be sand blasted in order to remove any residue of rust and calamine.
- The mixing, to be carried out just before use, shall be extremely accurate (until colour uniformity); this can be achieved
using a trowel on a flat surface.
- Apply the product by trowel or spatula (moisted with ethyl alcohol)

TECHNICAL PROPERTIES (at 20°C):

PROCESSING DATA	
Mixing ratio (A+B)	100+100 parts by weight/volume
Pot life (mix. A+B)	30-40’
Hardening	8 hours
Minimum application temperature	+ 5°C
Application	by trowel or spatula
Specific gravity	1,600 ±0,05 Kg/lt
Consumption	1.6-1.7 Kg/sq.m for 1 mm thickness
Viscosity	thixotropic paste
Compressive strength (ASTM D 695)	650 Kg/sq.cm
Compressive modulus	36000 Kg/sq.cm
Tensile strength (ASTM D 638)	250 Kg/sq.cm
Elongation	3%
Flexure strength (ASTM D 790)	400 Kg/sq.cm
Tensile modulus	20000 Kg /sq.cm
Flexure modulus	42000 Kg/sq.cm
Deflection	4 -5 mm
Adhesion to concrete	concrete rupture

NOTE : the information given to users is based on our best experience. However, because of the many possible applications, which are outside of our knowledge and control, we cannot accept liability for loss or damage resulting from reliance upon such information.