SURIE® POLEX

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Technical Data Sheet

MARBLE GLUE SOLIDO KRISTAL

Description

High viscosity solid mastic. It is used to glue and repair vertical marble, onyx and stone. The hardened product is already shiny. The low temperature reactivity is excellent. The adhesion to materials and excellent mechanical characteristics represents the outstanding qualities of this product.

Areas of Application:

Be sure that surface that you must treat is dry, clean and free of dust. Take out the necessary mastic quantity from the tin / can / drum and add 2-3% (compared to mastic weight) of paste hardener. Mix energetically and use the obtained product for your purposes. Do not put the unused final mixture again into the tin. If it is necessary to correct the product colour, use specific colored pasts or metal oxides. Add the colour before adding the hardener until you reach the desired hue and finally you can add the hardener. Any excess of colour can affect the final characteristics of the mastic. Take care.

Keep the tins well closed after usage. Keep the mastic and the hardener far away from light sources and foremost far away from sun rays.

Shelf Life

The products will last at least 12 months if stored in normal condition between 18-25°C, kept away from sun lights, humidity and sources of heat.

Safety Rules

Resin and hardener are chemicals products. Please read, before any usage, the safety data sheet and the rules written on the label on the tins/drums.

Packaging

750 ml. – 4 L – 19 L

SURIE POLEX INDUSTRIES LLP, 4, LSC, Naraina, Ring Road, New Delhi-110028, INDIA
Tel: +91-11-40776777, Email: sales@suriepolex.com, Web: www.suriepolex.com

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Density at 25°C gr/cm³	1.07
Aspect	Opaque solid paste
Ratio of use with glue/hardener	100+1,5/2,5
Gel time in bulk at 25°C in min	6-8
Tacky free in thin layer at 25°C in min approx.	1:45-2:15 hrs. ~
Working time suggested at 25°C in min approx.	2:45 -3:30 hrs. ~
Minimum reaction temperature	0°C
Minimum temperature of use after hardening	0°C
Maximum temperature of use after hardening	+110°C
Shelf life at 25°C	6 months

ISO 527-2:2012 TESTS

Tensile yield stress	It doesn't fracture
Tensile yield elongation	It doesn't fracture
Tensile stress at break (maximum stress)	(27,76 ± 3,26) MPa
Tensile elongation at break (maximum elongation)	(1,45 ± 0,23) %

ISO 178:2013 TESTS

Flexural elastic modulus (0,05% ± 0,25%)	(6.544 ± 375) MPa
Flexural yield stress	It doesn't fracture
Flexural yield elongation	It doesn't fracture
Flexural stress at break (maximum stress)	(52,51 ± 3,49) MPa
Maximum flexural elongation at break (maximum elongation)	(0,85 ± 0,09) %

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