FAST CURING, TWO COMPONENT EPOXY ADHESIVE, TRANSPARENT AND BLACK

Bellinzoni
INNOVATION SINCE 1937

Master Line

MADE IN ITALY

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EPOX RAPIDO

PRODUCT DESCRIPTION

Bi-component, transparent and black, flexible epoxy glue with rapid hardening. For a secure bonding and gluing between different materials such as artificial and natural stone, bronze letters, steel, metal sink fasteners and fibre-glass reinforcement rodding. Ideal for small applications. External and internal use. Hardening time 15 minutes.

WHERE TO APPLY

Surfaces in natural stone, ceramics, large format ceramic, solid surfaces, agglomerates, quartz. Ideal for gluing together different materials such as: marble, granite, ceramic, metals and stone.

CHARACTERISTICS AND BENEFITS

High flowability, excellent resistance to mechanical and thermal stress.
Pre-dosed, ready-to-use system, no possibility of mixing mistakes. Fast curing.

HOW TO USE

Apply to dry and clean surfaces, free from dust and grease. In case of polished high gloss surfaces, it is recommended to sand area with sandpaper before gluing so to enhance surface bondage. Remove from the cartridge the cap. Fix the static mix tip directly to the cartridge. Before applying, dispense a bead of the adhesive for about 1 - 1,5 cm long onto a paper towel, to ensure proper mixing.
Apply to surface as required. After use, remove mixer, clean nozzle and recap. Discard the mixer after use.

CHEMICAL PROPERTIES

BEFORE POLYMERIZATION	TEST METHOD	U.M.	EPOX RAPIDO A	EPOX RAPIDO B
Colour			Cloudy	Transparent
Specific Gravity (at 23°C)	ASTM D 792	g/ml	1,18 +/- 0,02	1,10+/- 0,02
Viscosity (25° C)	ASTM D 2393	mPas	20.000 – 25.000	10.000 – 12.000
Storage (15-25° C)		Months	6	6
Mixing ratio	In weight		100	100
Mixing ratio	In volume		100	100
PROCESSING DATA			EPOX RAPIDO A+B	
Gel - Time (23°C.-10gr TECAM)	RES 007	Min.	5	
Bond time		Min.	15	
Total polymerization		Hours	24	
Minimum application temperature		°C	+10	
Maximum application temperature		°C	+35	
FINAL PROPERTIES			EPOX RAPIDO A+B	
Shore Hardness			55-60	
Thermal Conductivity		Cal/cmsec°C	12*10E-4	
Thermal Expansion		Cm/cm/°	30*10E-6	
Dielectric resistance	ASTM D 149	Kv/mm	16	
Volume resistivity	ASTM D 257	Ohm/cm	1*10e14	
Thermal shock resistance	ASTM D 1674	°C	-40/+130	

*All above mentioned information are based on results gained from experience and tests. They are believed to be accurate but are given without acceptance of liability for application and characteristics of finished products, depending by technology and working methods of final users.

PACKAGING

CODE	COLOUR	CONTENT	PC / CARTON
114ES00TR	TRANSPARENT	50 ml	12
114ES00NE	BLACK	50 ml	12

ATTENTION: Stored at temperatures between 18-20°C, product is guaranteed for 12 months. Always read the label and product information before use. Store in its original packaging. Do not dispose of the product in the environment. Follow the disposal regulations as indicated on label. Keep out of the reach of children. Always test first. Test product first on a small inconspicuous area before proceeding with complete application, so to determine the products compatibility with material and its final finish. When using product, wear suitable PPE and consult the safety data sheet.
For further information: www.bellinzoni.com

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