

ANCHORBOLT EP

HIGH STRENGTH EPOXY ANCHORING GROUT



DESCRIPTION:

RLA ANCHORBOLT EP is a high strength epoxy paste for anchoring fixings into concrete and use as a general purpose adhesive. ANCHORBOLT EP is particularly suited for bonding precast concrete components to each other.

FEATURES AND BENEFITS:

- High strength
- Durability
- Easy application
- Convenient mix ratio (2 parts resin to one part hardener by volume)
- Excellent adhesion

USES:

- High strength anchoring of fixings into concrete
- High strength adhesive for bonding precast concrete components
- General purpose adhesive for high strength bonding applications

SURFACE PREPARATION:

All contacted surfaces must be free of oil, grease, laitance, loose material or other contamination which may inhibit bond. Any loose or defective concrete should be removed and repaired to provide a solid foundation. Refer to RLA Repair mortar range for suitable options.

MIXING:

- Pour the entire contents of the Hardener (black) into the Base (white) tin
- Using a suitable slow-speed drill and high shear mixing paddle, thoroughly mix the two components for 3-5 minutes until a fully uniform, streak free grey colour and consistency is obtained

IMPORTANT: Only mix that quantity of material, that can be used within the setting time

APPLICATION:

- Apply the Anchorbolt EP by trowel, spatula or gun depending on the application
- Where the Anchorbolt EP is used as an adhesive ensure the components being adhered are firmly held together.
- Do not attempt to rework or retemper any partially set product.
- Avoid waste by using all the kit within 15 minutes of mixing.

Important: A large volume of epoxy product may exotherm and set prematurely if not used immediately.

CURING:

- Anchorbolt EP is suitable for light loads after 24 hours
- Allow 7 days for full cure

Note: Where temperatures between 10° C and 5° C are likely during and after application, the rate of cure will be slowed considerably

COVERAGE/YIELD:

Hole Diameter (mm)	Volume of Anchorbolt EP for bolt diameter (mls/per 100mm hole depth)					
	12	16	20	25	32	40
20	25					
25	50	40	25			
32	80	70	60	40		
38		100	100	75	45	
45			150	130	100	45
50				180	150	190
62					280	225

CLEAN UP:

Clean all equipment with solvent immediately after use. Cured Anchorbolt EP can only be removed by mechanical means

SHELF LIFE/STORAGE:

- 12 months when stored in original unopened packaging
- Best stored in a dry area at room temperature
- Keep out of direct sunlight

PACKAGING:

- 6L kit

LIMITATIONS:

- Do not apply when surface or ambient temperatures are below 5°C or above 35°C
- Where temperatures between 10°C and 5°C are likely during and after application, the rate of cure will be slowed considerably
- Anchorbolt EP may darken or yellow when exposed to UV radiation or to certain chemicals

HEALTH & SAFETY

For information and advice on the safe handling, first aid, storage and disposal of chemical products, users must refer to the most recent Safety Data Sheet (SDS) containing physical, ecological, toxicological and other safety-related data

TECHNICAL DATA:

PRODUCT INFORMATION:	
Colour	Hardener – Black Base – White Grey when mixed
Specific Gravity (mixed)	1.7
PERFORMANCE DATA:	
Compressive Strength (full cure)	>95MPa
Flexural Strength (full cure)	20MPa
Minimum Application Temperature	5°C
Maximum Service Temperature	50°C
SETTING TIMES @ 20°C	
Pot life	35mins
Initial Cure	24hours
Final Cure	7days
CHEMICAL RESISTANCE	
Citric Acid 10%	Excellent
Tartaric Acid 10%	Excellent
Lactic Acid 10%	Very Good
Phosphoric Acid	Very Good
Sodium Hydroxide	Excellent
Diesel Fuel/Petrol	Excellent
Sugar Solutions	Very Good
Hydrocarbons	Very Good

WARRANTY STATEMENT:

RLA Polymers guarantees this product against manufacturing defects and guarantees it to be manufactured to our published specification.

We certify that this product is suitable for use when fully cured and will perform as described in our technical data sheet or other published materials.

RLA Polymers will replace the product free of charge when purchased from any legally verifiable source and where a product is proven to have been stored, handled, and install according to instructions published on our packaging and within the stated shelf life. The Installation of all materials must be carried out in accordance with the relevant Australian Standards

Warranty doesn't apply if damage, loss, failure to follow instructions, or other circumstances are out of our control.

Sufficient time and access to investigate any complaint must be accorded to RLA Polymers.

The consumer is responsible for any expenses incurred in making a claim.

A claim form can be requested by:

PHONE: 1800 242 931

EMAIL: info@rlapolymers.com.au

MAIL: 215 Colchester Road Kilsyth Victoria 3137
(Attention Customer Service)

WEBSITE: www.rlapolymers.com.au

AUSTRALIAN CONSUMER LAW:

Our goods come with guarantees that cannot be excluded under the Australian Consumer Law. You are entitled to a replacement or refund for a major failure and compensation for any other reasonably foreseeable loss or damage. You are also entitled to have the goods repaired or replaced if the goods fail to be of acceptable quality, and the failure does not amount to a major failure. The benefits under our warranty are in addition to other rights and remedies available to the consumer under the law in relation to the goods and services to which the warranty relates.

DISCLAIMER:

All statements and technical information contained herein are based on tests we believe to be reliable, but the accuracy thereof is not guaranteed.

Users assume all risk and liability resulting from the use of the product and must confirm the suitability thereof by their own tests. Conditions of Sale contain a limited warranty against manufacturing defects.

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