

FLEXCO EPOXYGLUE STRUCTURAL ADHESIVE GEL 1:1 EASYMIX

READY FOR USE : NO OFF RATIO MIXING : NO MESSY POWDERS

NON SLUMP : EASY KNIFING & SANDING : HIGH STRENGTH COVES

Marine formulation, gap filling pregelled epoxy structural adhesive for gluing clean, sound substrates. A long open time with cure overnight, even at low temperatures, aids quick turnaround. Particularly suitable for bonding dissimilar substrates. A smooth and creamy paste with excellent hold-up on vertical surfaces.

A versatile epoxy structural adhesive available in an easy to use one to one ratio, by volume or weight.

Once you have used Flexco EPOXYGLUE pregelled easymix 1:1, it will be very hard to go back to messy, off ratio 3 part mixing (epoxy resin + hardener + glue powder)

Benefits

- Not much dearer than mixing your own in material cost, but considerably cheaper when ease and speed of application are considered.
- Easymix, pregelled similar consistency resin and hardener, 1:1 ratio by volume or weight.
- Throw away glue powder. Eliminate messy off ratio 3 part mixing. Eyeballing is easier with Easymix 1:1. Only mix enough for the job.
- Non-shrink, non-slump, high impact resistance
- Non staining, solventless
- Very high cohesive (internal) strength, essential in gap filling glues

Use For

- Stone and Masonry
- Timber boat building. Also steel, aluminium and GRP
- As a construction epoxyglue and for bedding starter rods.
- High strength coving (filleting) hole and gap filling
- Fabrication of wooden chairs and furniture subject to high stress

When mixed, it is a similar shade to light coloured timbers. Varnish over without spoiling the natural timber effect. Will cure within 12 hours to a reinstatement condition at temperatures down to 50C. Full cure approx. 3-7 days. Ideally in winter, a cover and an external source of heat should be used to warm the immediate work vicinity. Not designed as a stand alone product below the waterline, but will give exceptional water resistance. Overcoat with a pure epoxy, Flexco 4:1 laminating system.

Preparation

Stone and Masonry: Ensure all surfaces are dry, clean and dust free

Timber: DO NOT use on Boric treated timber. Partial loss of adhesion can result. Plane and sand surface to a fair condition. Degrease surface if necessary; this is important with oily timbers such as teak. Cross hatch sand with 100 grit paper.

Steel: Degrease surface if necessary. Abrasive blast clean to give a sharp profile. Vacuum away all blasting dust. Alternatively abraid with medium sandpaper. Alternatively, degrease and power wire brush or metal disc clean to bright steel or as best as possible.

Aluminium: Degrease and abrasive blast clean with sand to give a sharp profile. Alternatively use a proprietary aluminium etch cleaner as per the instructions on the bottle.

GRP: Degrease and cross hatch sand with 60-100 grit paper. Polyester must be fully cured. Take special care as surface wax may be present and must be removed. Can result in partial loss of adhesion.

Customwood & Particleboard: (Benchtops, etc) Sand as per timber.

Flexco (NZ) Ltd

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FLEXCO (N.Z.) LTD
SOLVING TOMORROWS BUILDING PROBLEMS - TODAY

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Mixing

Measure out equal quantities by volume or weight onto a flat board and mix thoroughly with a spatula. Apply immediately to the clean, prepared substrate. Do not alter the ratio or you will experience a slower cure and lower physical strengths.

Applications

Apply with a clean spatula or notched trowel to both prepared surfaces and clamp lightly together. DO NOT overclamp as glue starvation may result. At 20oC, you will have 20 - 30 minutes working time

Discard not required excess as it will polymerise. Never return mixed product to the container.

Coverage is one square metre per litre at one millimetre film thickness.

Compatibility

Flexco EPOXYGLUE will adhere to all timber types. Oily timbers such as teak should be degreased prior to gluing.

Being inert once completely cured, all marine resin & paint systems will adhere. It is recommended the surface is sanded prior to coating.

Pack Sizes

250ml + 250ml	=	500ml pack
500ml + 500ml	=	1 litre pack
1 lt + 1 lt	=	2 litre pack
2 lt + 2 lt	=	4 litre pack
4 lt + 4 lt	=	8 litre pack
10 lt + 10 lt	=	20 litre pack

Clean Up

Use Epoxy solvent for clean up of uncured resin on brushes and rollers. Use disposable containers and spatulae.

Never add solvent to **Flexco EPOXYGLUE** as this will become entrapped in the cure and considerably weaken it.

Storage

Flexco EPOXYGLUE will keep in excess of two years if stored in tightly sealed original containers.

Keep in a cool place. Do not store near boilers or other sources of heat. Do not store in direct sunlight.

Caution

Because of its consistency, this is an unfiltered product. Whilst the raw materials conform to narrow specifications, some discreet particles may be evident. These will sand easily, and overcoating with a 2-component epoxy laminating resin or sanding sealer is recommended.

Health & Safety

Contains no isocyanate. Epoxy resins and amine resin hardeners constitute the reactive components of this system. Use disposable plastic gloves to avoid skin contamination. If resin comes into contact with skin, wash uncured resin off with soap and water. Epoxy solvent should never be used to wash hands. Can cause topical dermatitis if in prolonged contact with skin. Wear safety glasses to avoid eye contamination.

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