



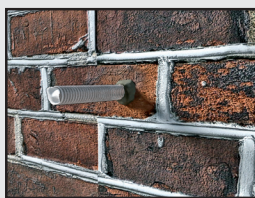
tradition • innovation • quality

DO-IT-YOURSELF

a.b.e.® Construction Chemicals

epidermix 372

TWO COMPONENT EPOXY ADHESIVE, FILLER & GROUT



GROUTING ANCHOR POINT



ADHERE BASINS



FOR BOAT BUILDING

SILICONES, SEALANTS & ADHESIVES

DESCRIPTION

epidermix 372 is a two component, solvent free, thixotropic, polyamide cured epoxy adhesive.

USES

epidermix 372 is used:

- as a general epoxy adhesive for most materials, excluding certain plastics and stainless steel.
- as a filler. It may be filled with fine material such as wood floor, silica sand and talc, to match the materials being filled.
- as a grouting medium for fixing dowels and bolts, horizontally into concrete and rock.

ADVANTAGES

- Solvent free.
- Non-slump.
- Easy-to-use.
- Bonds most materials.
- Can be filled for use as a grout.
- Economical.
- Resists solvent like: aliphatic solvents, vegetable mineral oils, greases and petroleum fuels.
- Non-toxic.
- Compressive strength @ 25 °C: 70 MPa.
- Tensile strength @ 25 °C: 30 MPa.
- Maximum service temperature 60 °C.
- Excellent water resistance.

COLOUR



PROPERTIES

Density	1.15 g/cm ³
Consistency	Thixotropic paste
Fire resistance of wet material	Non-flammable
Curing time @ 25 °C	Touch dry: 6 hrs Practical use: 24 hrs Full cure: 7 days
Sanding time @ 25 °C	If used as a filler requiring smoothing, sand after 24 hours cure.
Overcoating time @ 25 °C	Minimum: 12 hrs Maximum 48 hrs if being over-coated with an epoxy system.

SURFACE PREPARATION

Any surface to be treated must be clean, sound and dry. It must be free of foreign matter such as oil, grease, paint, dust, debris of preparation and any other form of contamination. Smooth surfaces should be roughened by some appropriate method.

Preparation of specific surfaces:

- Cast concrete and pockets in concrete – free of all laitance and shutter release.
- Drilled concrete and rock – if wet drilled, free of all traces of dry slurry; if dry drilled, free of all drilling debris.
- Fibre cement – free of all dust.
- Smooth steel – free of millscale, rust and other foreign matter. Ideally abrasive blast cleaned.
- Deformed and threaded steel – free of oil, grease and rust.
- Aluminium – free of grease. Abrade and degrease. Bond immediately.
- Stainless steel – is not a candidate material.
- Timber – roughen by rasping. Oily woods (e.g. teak)

- Glass – detergent wash, clean water rinse, alcohol rinse.
- Glass fibre laminates – abrade to expose fibres and solvent wash.
- Ceramic (unglazed) – contamination free and dry.
- Stone – free of contamination.
- Rubbers – degrease and roughen.
- Thermoplastic plastics (except polystyrene) – are not candidate materials.
- Polystyrene – must be free of foreign matter.

BONDING/PRIMING

No priming required.

MIXING

Mixing ratio: Two base to one activator by volume. Carry out mixing on a flat clean surface, such as a board or plate.

Set up carefully measured quantities (two volumes base and one volume activator) of each component, side by side on the mixing plate. Do not mix until application site operations are ready. Use separate tools to remove each component from its container thus preventing contamination. Mix the two components until a completely homogeneous material results with putty knives, paint scrapers or similar flat tools. The larger the volume of the mix the longer should the mixing time be. If a filled material is required, add the filler only after complete mixing of the base and activator has been achieved. Remove mixed material to a clean surface and carry on mixing to ensure no unmixed material from the first mixing area is incorporated in the final product.

COVERAGE

Application rate:

- In general 1 L mixed **epidermix 372** covers 1 m² to a thickness of 1 mm.
- As a grout 1 L mixed **epidermix 372** filled with an equal volume **abe® coarse No. 1 silica sand** will yield approximately 1.3 L of mortar.

Note: This information makes no allowance for site wastage.

Maximum application rate:

- As an adhesive: Use thinnest possible film allowing for full wetting of adherents.
- As a filler: Up to 15 mm thickness.
- As a grout: Do not grout unfilled **epidermix 372** into a hole larger than 1.5 times bar diameter. When grouting with filled **epidermix 372**, the hole should be kept as small as possible.

APPLICATION

Application by putty knife, trowel or mastic gun.

As an adhesive: Mixed material should be spread onto the face of one adherent, thickly enough to extrude when both faces are mated. Bonded mating faces must be kept under compression until the adhesive layer has set.

As a filler: Mixed material should be smoothed into place using a trowel or similar tool.

CLEANING

Tools, brushes and mixing equipment should be cleaned immediately after use and before material has set with **abe® super brush cleaner** followed by washing with soap and water.

PROTECTION/MAINTENANCE ON COMPLETION

If used as a filler, an epoxy coating is required. Allow a minimum of 12 hours and a maximum of 48 hours before commencing with applying the epoxy coating.

PACKAGING

90 ml, 500 ml, 1 L, 5 L containers.

HANDLING & STORAGE

Shelf life of 24 months, but shorter if in extreme conditions. Keep tightly sealed in a dry cool place in the original packaging.

HEALTH & SAFETY

Product safety information required for safe use is not included. Before handling, read product and safety data sheets and container labels for safe use, physical and health hazard information. The safety data sheet is available from your local **a.b.e.® Construction Chemicals** branch.

