

KUT MULTIFIX EP

Multipurpose Epoxy Adhesive

MIS-04-1110



DESCRIPTION

KUT MULTIFIX EP is multi-purpose adhesive based on solvent-free epoxy resins. It has exceptional adhesive properties, and is supplied as a two-pack material which on mixing cures to a high strength, oil, water and chemical resisting film.

USES

For permanent bonding of common construction materials including concrete, ceramics, metals, asbestos, glass, timber, plastics, etc. KUT MULTIFIX EP is suitable for the repair of damaged items with a fine glue-line.

ADVANTAGES

- **Strong Adhesion:** Tests show failure in substrate.
- **Versatile:** Suitable for most common construction materials.
- **Waterproof:** Suitable for wet conditions.
- **Chemical Resistant:** Resistant to oil and chemical attack.
- **Easy to use:** Simple mixing minimises waste.

TYPICAL PROPERTIES

- **Pot life :** 45-60 minutes at 20°C.
10-20 minutes at 40°C.
- **Cure time:** 6 hours at 20°C
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20 minutes at 80 to 100°C.
- **Cure temperature:** Curing takes place at temperature above 5°C.
- **Limitation:** Maximum cure temperature 100°C.
- **Shelf life:** 12 months minimum if stored below 20°C adequate ventilation and. if working in enclosed areas.

SURFACE PREPARATION

Surfaces to be bonded should be dry sound and thoroughly clean. Smooth surfaces should be abraded or acid etched as appropriate - see below:

Surface	Preparation
Concrete Asbestos Cement, etc.	Dry remove laitance and loose material.
All other materials	Clean, dry if very wet and abrade.
PVC	Clean with trichlorethylene or similar

Mixing: Three volumes of base are used with one volume of hardener and should be scooped from the tins and mixed together thoroughly in a pliable beaker with a spatula or palette knife.

APPLICATION

The mixed **KUT MULTIFIX EP** is applied to both surfaces in a thin even film and the two surfaces brought together. An adhesive layer of between 100 and 200 microns should be used. Care should be taken to obtain the correct positions for the parts as any bond will be difficult to break & reposition. Extrusion of the adhesive should be prevented, but light clamping or suitable support is necessary. Excess glue should be removed from the joints with a sharp knife, or a damp cloth before it sets.

CLEANING

Tools and equipment must be cleaned with water immediately after use. Hardened **KUT MULTIFIX EP** can, be removed from pliable polythene breakers by flexing.

PACKAGING

KUT MULTIFIX EP is available in 1 kg packs - coverage 1.7 m². For large users 7 pack cartons are available.



مصنع التخصصية لكيمائيات البناء
SPECIALITIES CONSTRUCTION CHEMICALS FACTORY

Marketed by: Alghanim Specialities Co. W.L.L.
Amghara Industrial Area, P.O.Box: 23595 Safat, 13096 Kuwait
Tel: 1802550 – 400 - Fax: +965 24582548 - Email: sales@spec-kw.com





HEALTH AND SAFETY

KUT MULTIFIX EP should not come in contact with skin and eyes or be swallowed. Avoid prolonged inhalation of vapours. Some people are sensitive to hardener component therefore, protective gloves, goggles and barrier cream should be used. Ensure adequate ventilation and if working in enclosed area, suitable breathing apparatus must be used. If this product comes in contact with skin, it must be removed before it gets dry by washing with soap and plenty of clean water and seek medical advice. If swallowed, seek medical attention immediately. Do not Induce vomiting.

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