

## PROPERTIES

- Superb adhesion to almost any surface whether wet or dry, (except flexible Polythene, P.V.C., P.T.F.E., etc).
- Very easy and clean to mix and use.
- Resilient to shock, vibration and thermal movement.
- Heat resistant.
- Can be moulded to any shape.
- Can be carved - sawn - filed and sanded.
- Screws and nails can be driven in very securely.
- Will cure even in thick section.
- High chemical resistance. (detergents, oils, solvents etc.)
- Is a non-conductor of electricity.
- Can be applied underwater.
- Completely waterproof.



## INSTRUCTIONS

Firstly all surfaces must be clean and free from dust, oil, grease and loose paint etc. Smooth surfaces should be sanded to give a key.

Take **equal quantities** from each pack and mix together by kneading and folding until a uniform colour is obtained. (To avoid the risk of skin irritation use polythene gloves.) The prepared TUFMIX **should be used within 30 minutes of mixing** and if put down should be placed on a piece of polythene.

- In all cases TUFMIX should be pressed firmly onto application area.
- TUFMIX can be modelled to any shape required.
- When mending holes in pipes wrap TUFMIX around the pipe.
- A pilot hole in TUFMIX will allow a screw to be driven in easily but securely.
- Smoothing the surface of TUFMIX can be achieved with a wet hand or tool.
- When set (24 hours) TUFMIX can be sanded, filed, drilled, sawn and painted. In common with most epoxies full cure is achieved in 5-7 days.
- The application of heat will speed hardening and curing but should not be above 100°C.
- Do not expose to naked flames or heat over 100°C.
- Do not use at temperatures below 4°C.
- Clean hands and tools with water before the material dries.
- Hold material in place against hydrostatic pressure until set.



## APPLICATIONS

Epoxy TUFMIX is so versatile that the range of applications is limited only by the imagination of the user. Some are listed here:

- **Concrete repairs** (cracks and holes) in tanks, swimming pools, pipes, drains, cellars, steps etc.
- **Plumbing repairs** to copper, brass, lead and plastic pipes, to water and petrol tanks, radiators and gutters.
- **Motorcar and Caravan** body repairs can be filled and then sanded very easily.
- **Exhaust Pipe** leaks can be sealed.
- **Boat and Yacht** hull repairs can be effected easily even when wet. Suitable for wood, fibre glass or ferro cement vessels.
- **Models & Moulds** can be made for ornaments or casting patterns.
- **Ornaments and China** can be repaired and missing pieces moulded onto these articles.
- **Replacement parts** of games and instruments can be made e.g. a missing chess piece, or any odd shaped item which is not readily available.
- **Wall plugging** can be carried out on walls where an oversized hole will not hold a conventional wall plug.
- **Bolts, Dowels and Hinges** can be bedded-in for gates and other fixtures. If bolts are greased it then facilitates unscrewing for removal or adjustment.
- **Building up levels** on the feet of furniture and machines to prevent rocking.
- **Handles** which are damaged can be replaced or repaired and made good.
- **Seals** pipe and cable entries into buildings
- **Wood** can be effectively filled and it is ideal for loose joints in furniture and windows; missing timber can also be replaced.
- **Fills** static joints in houses, basements & tanks.
- **Wall and Floor Tiles** can be grouted to provide an hygienic wipe clean surface.

## APPLICATION HINTS

- **Concrete Repairs** can be carried out simply by pressing the TUFMIX firmly into the damaged area. Finish with a wet trowel to give a smooth and true surface. A firm polishing action is used having first cut away surplus TUFMIX with a knife or the edge of the trowel.
- **Leaks** in copper, lead, steel, iron or plastic pipes are cured by wrapping a strip of TUFMIX around the pipe. Press firmly in place and smooth off the edges to ensure a good seal. For tanks, press a piece of TUFMIX to the hole and smooth out the edges around the repair. For active leaks the TUFMIX patch should be held firmly in place by binding a bandage around the repair.
- **Car and Caravan** body work can be repaired easily and neatly with TUFMIX using wet smoothing tools to effect the primary repair and using fine sandpaper or emery paper to achieve a finish smooth enough to overpaint. Before application the area should be sanded to remove rust and provide a key.
- **Marine** applications are of great significance because of the ability of TUFMIX to adhere to damp or wet surfaces and even underwater. All boat building materials can be repaired easily and effectively. It is important, however, to ensure that the preparation is carried out properly and the surfaces sanded before application.
- **China** repairs requiring the replacement of a broken fragment can be achieved by modelling directly onto the article the shape required. Surplus TUFMIX is removed while still soft and the joint smoothed flush with a wet cloth. When set the repair may be sanded, carved or filed and then painted and glazed.
- **Modelling** with TUFMIX has the advantage of easy moulding, self hardening and the possibility of carving and sculpting when set. Any shape may be formed and smoothed with wet hands or fashioned

## HEALTH & SAFETY

This material is safe in normal use.

Good hygiene practices should be followed. Wear gloves (included in pack) to avoid skin irritation.

Wash off skin with soap and water immediately.



