TIMBABUILD®
REPAIR WITH PRIDE

The Lifetime Solution

EPOXY RESIN STRUCTURAL REPAIR SYSTEM

PRODUCT GUIDE 2023

MADE IN BRITAIN®

chemfix
TOTAL SERVICE

Epoxy Repair Timbabuild®

GUARANTEED FOR 50 YEARS

There is a sea change being experienced in todays' world; a drive for more sustainable products that work in harmony with the natural world and traditional methods.

Sustainability covers many different facets of a building. For Timbabuild®, it means retaining original features, and restoring back to life the original character of a property. Repairing original features is all well and good, but those repairs must be cost-effective, from the point of view of expense, time and durability.

Timbabuild® is the only epoxy wood repair system which provides a 50 year guarantee on repairs.

Timbabuild® EHB60 rebuilds large areas of decayed structures quickly and effectively. By removing the rotten wood, priming the surface, and then building up and moulding the surface, similar to a putty consistency, the hardened epoxy can be sanded or planed exactly like wood to provide the perfect finish. It provides a physical and chemical bond which is stronger than the original wood.

Timbabuild® ERC10 is the ultimate in wood adhesion. Used most effectively as a splicing adhesive, it allows new sections of wood to be installed with ease, and provides a permanent and watertight seal.

Timbabuild® will also resist any shrinkage or movement in the joint area which means it moves together with the natural movements in the wood.

A simple 5 stage process

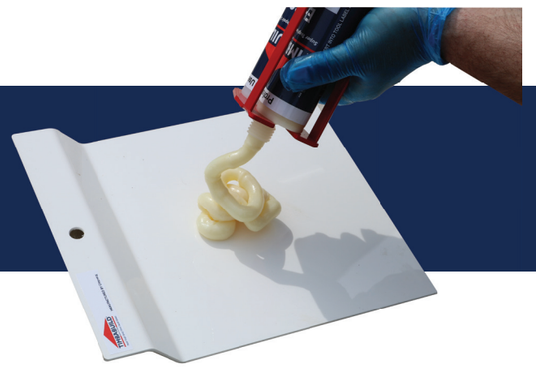
1. Remove decayed and rotten wood back to good wood. Check moisture level <18%
2. Using **EWS** epoxy primer, generously brush apply to the repair area and leave to soak for 20 minutes.
3. Butter the repair surface with **ERC10** & splice in new sections of timber, back filling with **EHB60**.
4. After the curing period, either apply **FINISH** and sand, or sand back using hand or mechanical sanding.
5. The final repair is ready to be primed and painted (or just painted) with any known paint.

Epoxy Repair Timbabuild®

GUARANTEED FOR 50 YEARS

ASSESS THE REPAIRS

REMOVE AND PRIME



EXTRUDE, MIX AND FILL

4 **SAND AND PAINT**

Why Use Timbabuild® ?

GUARANTEED FOR 50 YEARS

Timbabuild® Epoxy products have very distinct characteristics. Epoxy products of this nature work by combining an A and B component, very thoroughly, and in as equal proportion as possible. Unlike other fillers, the working time is extended to allow for more detailed and larger repairs to be carried out. Epoxies can be speeded up however (as is the case with the 15 minute curing **Timbabuild® ERC10** resin).

The key benefits of **Timbabuild®** over alternative repair methods are detailed below;

Overall Benefits

Timbabuild® is manufactured 100% the UK

Manufactured to ISO 9001 / 14001 Standards (Environmental Quality Standard).

The single 'twin-tube' system ensures a 100% accurate mix of A and B components.

The repair is guaranteed for 50 years - Peace of mind.

Free product training is provided.

Benefits of the System

Timbabuild® EHB60 allows large scale repair works to be undertaken unlike normal fillers.

Timbabuild® ERC10 provides a bond which is stronger than wood, in just 15 minutes.

Timbabuild® will not shrink, crack, or absorb water.

Timbabuild® will move in harmony with the wood to ensure longevity.

A simple 5 stage process

1. Remove decayed and rotten wood back to good wood. Check moisture level <18%
2. Using **EWS** epoxy primer, generously brush apply to the repair area and leave to soak for 20 minutes.
3. Fill & build using **EHB60** Epoxy Repair leaving the surfaces lightly proud to be sanded to perfection.
4. After the curing period, either apply **FINISH** and sand, or sand back using hand or mechanical sanding.
5. The final repair is ready to be primed and painted (or just painted) with any known paint.

Working on listed property

PROJECTS ON GRADE LISTED PROPERTIES

St. Patricks Church, Ballymena, N.Ireland

Cross Keys Hotel, Kelso, Scotland

United Reformed Church, Lower Hopton, Mirfield

Grade 1 listed Country Estate, North Lincolnshire

Timbabuild® EHB60

EPOXY HIGH BUILD

Timbabuild® EHB60 is used for all types of repair, due to its consistency it can be used in vertical and overhead areas, and can be shaped and moulded to the original feature shape, using either plastic sheets, bags, or by being sculpted into shape.

Main Benefits

- 4 Hour Curing period (+20ºC)
- Used up to 60mm, or to any depth with packing / inserts
- May be moulded to any shape
- Application Temperature +5 to +35ºC
- May be coloured with any oil based colourant, including paint.
- No slump, shrinking or cracking - water resistant.
- VOC A+ & LEED Approved

Timbabuild® EWS

EPOXY WOOD STABILISER

Timbabuild® EWS is the primer which is used with both **EHB60** and **ERC10** as a brush applied epoxy solution which has two actions - to prepare the bare wood fibres for the repair resin causing them to protrude and aid adhesion, and to prevent any future water attack in the wood.

Main Benefits

- 20 minute soak period - repair ready
- Brush applied onto bare (good) wood.
- Easy mix bottle for 100% accuracy
- Application Temperature +5 to +35ºC
- Essential primer for any repair.
- No slump, shrinking or cracking - water resistant.
- VOC A+ & LEED Approved

Timbabuild® ERC10

EPOXY RAPID CURE

Timbabuild® ERC10 is a fast setting adhesive which is used down to as thin as 1mm for splicing new wood sections. Used predominantly in the sash window repair industry due to its speed of curing and ease of use.

Main Benefits

- Fast curing 15 minutes @ 20ºC
- Used up to 10mm, for repair work.
- Used down to 1mm
- Application Temperature +5 to +35ºC
- May be coloured with any oil based colourant, including paint.
- No slump, shrinking or cracking - water resistant.
- VOC A+ & LEED Approved

Timbabuild® FINISH

FINE SURFACE FINISH

Timbabuild® FINISH is used for all types of repair, as a final easy to sand top coat which completely fills in any small imperfections which may have been left in the repair process. It is also used as a minor repair filler in its own right.

Main Benefits

- 30 Minute Curing period
- Used as a fine finish resin
- Use with any silicone tool.
- Application Temperature +5 to +35ºC
- A two part filler in its own right
- 300g foil bag system for easy and fast extrusion.
- Versatile and Easy.
- VOC A+ & LEED Approved

Timbabuild® Timbaglaze

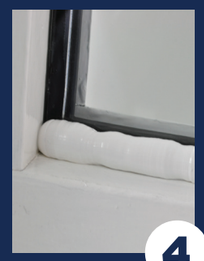
GLAZING PUTTY REPLACEMENT

Timbabuild® Timbaglaze Putty replacement is the only genuine all weather use Multi-Purpose Glazing Sealant. A single component hybrid polymer specifically designed for bedding in any type of glazing unit indoors or outdoors.

Main Benefits

- Paintable after 1 hour (+20ºC)
- Skins over in 20 minutes
- May be applied to WET or DAMP surfaces
- Suitable for use with Butyle tapes & hot melt adhesives in double glazed units
- Used in Renovation contracts to restore listed buildings.
- Paintable with all known paint types.
- No shrinkage - maintains a strong elastic bond.
- VOC A+

A simple 5 stage process



1. Cut the threaded end at an angle of about 45° so that there is a suitable opening for application.
2. Place the cartridge in a high quality silicone tool (the timbabuild tool is strongly recommended).
3. Sand the surface to remove debris, and aid adhesion of the product to the joint.
4. Use masking tape if necessary, apply a bead to the joint in a uniform fashion.
5. Smooth off using an appropriate tool or a moist finger - may be painted or primed after just 1 hour.

Timbabuild® Super Wipes

SUPER TOUGH CLEANING

Timbabuild® All Purpose Multi Surface SUPER WIPES are designed for a variety of heavy duty cleaning tasks at the work site, factory, or at home and do not require the presence of water.

Main Benefits

- EXTRA LARGE 600cm2 Wipes
- Citrus lemon fragrance.
- Effective against a variety of contaminants.
- Ready to use; Easy to use.
- Non Harmful.
- 80 wipes in a handy sealed dispenser.
- Ideal for the removal of stains from work surfaces and tools.
- Resealable dispensing system to prevent drying out.

Timbabuild® Training

FREE TRAINING FOR THE TRADE

Timbabuild® are committed to providing an accessible training programme, free of charge to all types of trade contractor. The training process involves hands-on experience of the entire system and the types of repairs which are likely to be carried out.

The Key Stages of Training

- How Timbabuild® will help your business.
- A system overview - Do's and Dont's.
- Identifying & quantifying repairs.
- Preparation of the repair.
- The type of repair to perform.
- The practical session.
- Splicing and filling.
- The use of shuttering.
- Sanding and Painting.
- Finishing and cleaning.
- Samples & Certification.

Peace of mind

Timbabuild® training is peace of mind that you are using the products correctly, and to the best of their potential. In turn we provide a 50 year guarantee for the repairs, add you to our approved contractor public list.
Perhaps just as importantly, the course gives you the confidence to expand and develop skills which will transform the scope of your services and save your clients thousands of pounds.

Timbabuild® Extrusion Tool

FOR USE WITH ERC10 AND EHB60

Timbabuild® Extrusion Tool which is used with both **EHB60** and **ERC10** is so strong and durable, that if you break it, we will replace it free of charge. The twin piston design is what allows the A + B components to be extruded equally prior to mixing, thus ensuring the strongest possible finally cured performance of the mix.

Main Benefits

- High Quality Powder Coated Steel.
- Lifetime Guarantee.
- Lightweight Construction.
- 26:1 Trigger Ratio - Smooth, Controlled High Power Delivery.
- Provides 100% Even Extrusion.
- Comfortable Rubber Grip.

Timbabuild® Mixing Board

EASY STABLE MIXING

Timbabuild® Mixing Board is an indispensable item for any Timbabuild® user, this lightweight mixing board is made from PVC for a glossy non-stick finish.

Main Benefits

- Lightweight PVC.
- Ergonomically curved for maximum grip.
- Wipe clean finish.
- Assists with fast and thorough mixing.
- Wipe clean with no residue.
- Non-stick surface allows the mix to be pulled right away from the board.
- 3mm thickness.

Timbabuild® Filling Knives

2 AND 3 INCH WITH RUBBER GRIP

Timbabuild® Filling Knives have been tested and specified from selection of different materials and types, as being the best solution for use with Timbabuild®, for mixing and for sculpting.

Main Benefits

- Ergonomic Rubber Grip.
- Sturdy but flexible.
- Lightweight.
- Available in 2 or 3 Inch.
- 3 inch is often used as a mortar board for fast precise application.
- Stainless Steel finish.
- Easy to wipe clean.

Timbabuild® Applicator

MULTI USE APPLICATOR

Timbabuild® Applicator is a handy addition to the tool box. The application works particularly well with Timbaglaze. This handy device is designed with the right amount of flexibility to provide a perfect final finish to a Timbabuild repair. The tapered and angled edges on one side, with a flat edge on the reverse gives smooth control.

Main Benefits

- Cut to shape as required.
- Tapered for easy working.
- Packed in 10's.
- Use for mixing or applying Timbaglaze.

Timbabuild® Starter Kit

ALL IN ONE KIT TO GET STARTED

Timbabuild® Starter Kit This attractive and robust starter kit contains all of the elements required to carry out professional timber refurbishments, and neatly stores them in this compact and hard wearing case. The kit is made from recyclable 1/2" natural Birch plywood and has a latch closure with handle. The box is wholly sourced in the UK and features a lazer etched Timbabuild logo on the lid.

Contents

- 1 x EHB60 400ml Repair Resin
- 1 x ERC10 400ml Rapid Adhesive
- 1 x EWS Epoxy Primer
- 1 x Metal Timbabuild Extrusion Tool
- 1 x Timbaglaze 290ml Hybrid Polymer Glazing Sealant / Putty Replacement
- 1 x FINISH 300g 2-Part Rapid Filler
- 1 x Mixing Board
- 1 x Pair of Latex Gloves
- 1 x Stainless Steel Filling Knife 2"
- 1 x Stainless Steel Filling Knife 3"

Don’t take our word for it....

TIMBABUILD PROJECTS

for 100’s more project images visit

www.timbabuild.co.uk

We also manufacture...

MADE IN BRITAIN®

Metolux®

www.metolux.co.uk

Chemfix also sells a wide range of fillers and adhesives under their Metolux brand, including BBA approved brick adhesive, one and two part fillers, for wood, concrete and metal. Metolux is over 60 years old and is one of the countries best loved and well known brands in the trade.

chemfix TOTAL SERVICE

www.chemfix.co.uk

Chemfix is a market leading manufacturer of Chemical Anchor Resins supplying many major UK and multinational brands under private label, and exported around the world. Chemfix holds several product patents, and European approvals and blends, fills, labels and processes product from beginning to end.

TIMBABUILD®

REPAIR WITH PRIDE

50 YEAR GUARANTEE

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