

Product Description

Chemfix Epoxy High Build (EHB) is a two-part thixotropic 1:1 ratio mix solvent free, epoxy based woodfiller. It is specially designed for large and extensive repairs of damaged and rot affected timber in both horizontal and vertical applications. E.H.B. displays high strength and impact resistance.

E.H.B. is supplied in a specially designed side-by-side cartridge that fits into a custom made gun accurately dispensing the filler. Once cured, Epoxy High Build can be machined, drilled and accepts nails, screws etc. E.H.B. can be coated with most decorative wood finishes.

The special 'non-slump' formula allows it to seamlessly replace large sections of wood in applications such as windows, doors, beams, gutters, soffits and fascias.

Key Features

- Solvent Free - suitable for indoors and outdoors
- Thixotropic - Ideal for Vertical & Horizontal applications
- Cartridge System Ensures Accurate Mixing
- High Strength & Durability
- Fast and Simple to Use, Easy to Clean and Store
- Can be used with the EWS primer system

Epoxy High Build
400ml

Available Sizes

400ml 1:1 Nylon Cartridge
+ Specialist Application Tool



Typical Hardening Time*

BASE MATERIAL TEMPERATURE (°C)	25	15	5
TYPICAL GEL TIME (mins)	37	85	120
TYPICAL CURE TIME (hours)	16 hours	30 hours	54 hours

*This is the typical gel time for 100g of mixed product & cure time for a 28ml mass.

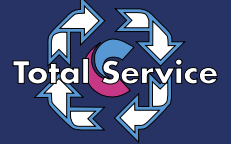
Typical Performance Data

	Drillable	Sandable	Outdoors	Indoors	Weathered	Knotted	Stainable	Mix Ratio	Solids Content	Volume	Primer System	Application Temp.
E.H.B	•	•	•	•	•	•	•	1:1	100%	400cm ³	E.W.S	5 - 30°

*Wood may absorb a stain differently to the filler. We would always advise use of a test panel when working with the stainable grade.

Typical Physical Property

	E.H.B.	-	TEST METHOD	STORAGE / SHELF LIFE	IMPORTANT
COMPRESSIVE STRENGTH N/mm ²	35.00	-	(ASTM 695)	This product should be stored between +5°C & +25°C. The Shelf life of the product is 12 months from the manufacture date.	The information and data given is based on our own experience, research and testing and is believed to be reliable and accurate. However, as Chemfix Products cannot know the varied uses to which its products may be applied, or the methods of application used, no warranty as to the fitness or suitability of its products is given or implied. It is the users responsibility to determine suitability of use. For further information please contact our Technical Department.
APPEARANCE	CREAM	-	-		
E MODULUS N/mm ²	1129	-	(ASTM 790)		
TENSILE STRENGTH N/mm ²	19	-	(ASTM 638)		
MIXED DENSITY g/cm ³	1.10	-	-		



Preparation & Mixing

Prior to application, all surfaces should be clean and sound. See preparation information on Timbabuild E.W.S. data sheet prior to application of Epoxy High Build.

- 1) Mount the cartridge into the dispensing gun and squeeze out the required volume of material onto a suitable mixing board.
- 2) Mix with a spatula or knife until a smooth, even coloured, streak-free mix is obtained.
- 3) Ensure that the filler is scraped clear of the board and spatula at least once during mixing. This ensures that both base and activator are thoroughly mixed together and no unmixed material will be used.

Application

- 1) Spread a small amount of Epoxy High Build using a spatula, knife or similar tool onto the exposed timber to ensure that no air is trapped.
- 2) The Epoxy High Build can then be moulded into the hole leaving it slightly proud with a smooth and even surface.
- 3) Alternatively, a clean, smooth flexible piece of plastic can be placed over the E.H.B. to act as a shuttering. Once the E.H.B. has cured the plastic can be removed leaving a smooth level surface.



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Extrusion Tool



Health & Safety

Timbabuild E.H.B. Base component is classified as an irritant and the activator is classified as corrosive. Ensure protective clothing is worn during use. If material comes into contact with the skin wash off with plenty of soap and water. If irritation persists or a rash appears seek medical advice.

For further information refer to the Material Safety Data Sheet.