



# RESTORE

## HB42 Restore 4 Hour Cartridge

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# DATA SHEET

### HB42 RESTORE 4 HOUR EPOXY RESIN WOOD FILLER

#### Product Description

Restore 4 Hour Epoxy Resin Wood Filler is a modified, highly flexible two-part epoxy repair compound designed for superior durability. Its non-sag, thixotropic nature makes it particularly effective for substantial repairs on decayed or damaged timber, even in vertical or overhead areas. The filler is easily shaped, holds its form during curing, and enables

#### Key Benefits:

- Non-slumping formula, suitable for overhead or vertical repairs
- Exceptional flexibility for long-lasting results
- Easy to model, shape, and trim during application
- Strong adhesion to timber substrates
- High strength and toughness once cured
- Free from solvents
- Fast curing properties



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## **Surface Preparation**

Cut out and remove any decayed, loose, or weak timber before use. Clean the repair area thoroughly to eliminate dust and debris. Apply **HB42 Restore Stabiliser** if required to ensure a sound base for the filler.

## **Mixing & Application**

### **Cartridge Application:**

1. Press the clutch plate at the rear of the extrusion tool and pull the pistons fully back.
2. Insert the cartridge, ensuring the smaller tube enters first (a piston plate is designed to fit this tube).
3. Remove the cap and dispense the required quantity onto a clean mixing board.
4. Use a putty knife or spatula to fold the two components together until an even, streak-free blend is achieved.
5. Apply small amounts initially to avoid air pockets, then build up larger volumes as needed.
6. Smooth the surface and allow to cure before sanding or finishing. Overpaint with water-based or alkyd paint.



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## Product Data

Property	Description
Colour	Amber
Mixing Ratio (resin:hardener)	3:1 (resin to hardener, by weight or volume)
Working Life	25–30 minutes at 20°C
Cure Time	4 Hours
Mixed Density	1.10 g/cm <sup>3</sup>
Solids Content	100%
Application Temperature Range	+5°C to +30°C
Volume (as supplied)	385 cm <sup>3</sup>

Shelf Life: Indefinite in sealed containers; minimum 5 years if resealed after use

## Curing Times (Hours)

\*Times vary with film thickness and temperature.\*

Thickness	Width	Length	5°C	10°C	15°C	20°C	25°C	30°C
20mm	30mm	100mm	36	20	10	2	1	0.45
10mm	30mm	100mm	38	24	12	4	3	2
5mm	30mm	100mm	40	26	16	8	6	5

## Health & Safety

The Restore 4 Hour Epoxy Resin Wood Filler base is classified as irritant, while the hardener is corrosive. Always wear protective clothing, gloves, and eye protection. If product comes into contact with skin, wash immediately with soap and water. Seek medical attention if irritation or rash develops. Refer to the full Safety Data Sheet for further details.



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## **Important Notice**

The recommendations provided are based on current knowledge and experience. However, as substrates and site conditions can vary, no guarantee of fitness for a specific purpose is implied. Users should confirm suitability for their application before use.

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