

REBUILD RESIN - 4 HOUR

A modified, highly flexible, fast curing, two-part epoxy resin based woodfiller designed to give superior performance and longevity. This non-sag, thixotropic repair filler is ideal for large repairs to damaged or rot affected timber and is particularly suitable for vertical or overhead applications. It is easy to model, has excellent cut off properties and maintains its shape even during curing. Specifically developed to enable repairs to be carried out within the day.

Characteristics & Advantages

- Non-slump - ideal for large overhead repairs
- Highly flexible, giving excellent longevity
- Excellent modelling and cut-off properties
- Excellent adhesion
- High strength and super tough
- Solvent free
- Fast curing

Substrate Preparation

Cut out and remove all soft, loose and rotten timber and ensure all dust is removed before applying any Rebuild Stabiliser. See the preparation and user information on Rebuild Stabiliser prior to application of the Rebuild resin.

Application & Mixing

Press the clutch plate located at the back of the extrusion tool and pull the pistons to the fully back position. Slide the cartridge tube into the extrusion tool ensuring the smaller diameter tube enters first. The diameter of one of the piston plates is slightly smaller to fit the smaller tube. Unscrew the end cap and squeeze the handle to extrude the required quantity of filler onto the mixing board. Remove excess filler from the end of the cartridge and replace the cap.

Product supplied in pots contains the resin base and activator separately. Measure out both using a clean spatula or suitable scoop - 3 parts or scoops of base resin to one part or scoop of activator by weight or volume. Replace the lids once finished. Do not cross contaminate products so ensure clean spatulas are used when decanting.

Mix the two products together with a folding action using a putty knife or similar until the green colour fades and an even coloured mix is obtained. This ensures the resin and hardener are thoroughly mixed. Apply small amounts of filler first to ensure air is not trapped within the repair and then build up using larger volumes. Complete the repair by smoothing over the surface before leaving to cure.



Typical Properties

Colour	Amber
Mixing Ratio (resin to hardener)	3 parts resin : 1 part hardener by weight or volume
Working Life	25-30 minutes at 20° C
Mixed Density	1.10 g/cm ³
Solids Content	100%
Application Temperature	5 - 30° C
Volume of unit	385cm ³ AS SUPPLIED
Shelf Life	Indefinitely in unopened containers. 5 years minimum with lids resealed after use.

Curing Times (Hours)

N.B. Working times and curing times will vary depending on the volume mixed and thickness of the curing film.

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 Information

Rebuild 4 Hour Resin Base is classified as an irritant and the hardener is classified as corrosive. Ensure protective clothing is worn during use. If the Rebuild contacts the skin, wash off with soap and water. If irritation persists or a rash appears, seek medical advice. For further information refer to the Safety Data Sheet.

Important

The information and recommendations provided are given in good faith based on our current knowledge and experience. However, the differences in substrates, materials and site conditions are such that no warranty or fitness for a particular purpose can be inferred from this information or any written recommendations. The user must test the product's suitability for the intended use.

