

Glue-It

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Glue-It is a high performance wood-derived (not petrochemical) resin adhesive. Glue-It is designed for those tasks that require maximum strength with flexibility as well as being waterproof and weatherproof. Glue-It incorporates the breakthrough science developed by Smith & Co. who have pioneered the use of wood derived resin systems and the 'Dual Synergistic Catalyst System'[™]. The result is a unique product with features unmatched by any other adhesive.



Applying Glue-It

- Do not use solvents on the wood as these could affect bonding;
- Mix equal volumes of parts A and B. It is important to mix thoroughly;
- Allow mixture to sit for 10 to 20 minutes before applying a 1 mm thick coating to the surfaces to be joined. The aim is to apply enough glue to avoid 'starving the joint' due to absorption into porous surfaces;
- For end-grain or particularly rough or porous surfaces, use more glue and allow the glue to sit on the wood joints for at least half the pot life before assembly;
- Clamp together taking care not to over-tighten;
- Soft rubber pads placed under clamp faces will help maintain an even pressure on the joint. Wipe away excess glue (with a paper towel) and clean up with Senseal's **Epoxy Clean-It** before glue gels. Once cured there is no solvent that will work;
- To stabilise, bind and preserve the wood, treat with Senseal's **Multi-Primer** before and after gluing. Treating the surface to be glued will prevent joint starving in porous materials plus will strengthen the wood surface of softer woods and improve the glue bond. Treating with **Multi-Primer** after the glue has set will maximise the durability of the whole construction and create an adhesion promoting surface for paint, varnish or polyurethane finishing;
- Where a more liquid consistency is required for large area plywood gluing or for fiberglass lay-up use Senseal's **Laminate-It**;
- Where a glue with maximum flexibility is required to absorb stresses from impact or vibration or when gluing together two materials with different expansion rates, use Senseal's **Tropical Hardwood Epoxy Glue**; and,
- Where a filler that is aggressively adhesive is required use Senseal's **Fill-It**.

Shelf Life

If Glue-It is stored unopened, above freezing, and is sealed correctly it should virtually last forever! Once opened, however, if sealed correctly between uses, it will easily last a year.

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Pot Life & Curing Times

Glue-It Pot Life & Curing Times				
Temperature	Pot Life	Dry To Touch	Substantially Cured	Full Cure
Degrees Centigrade (°C)				
38	3/4 hour	2 hours	3 hours	10 hours
21	2 hours	5 hours	8 hours	24 hours
13	4 hours	10 hours	16 hours	2 days
4	8 hours	20 hours	32 hours	4 days
-2	16 hours	2 days	3 days	8days

Several factors affect the curing times for Glue-It, and require an 'on-the-job' judgement:

- 💧 You can tell if Glue-It is ready to sand when it no longer 'gums' up the sand paper – generally at the times indicated that it is substantially cured;
- 💧 The thicker the application of Glue-It and the deeper into any material it is applied, the longer it will take to fully cure;
- 💧 The varying day and night time temperatures should be taken into consideration when reading the table above;
- 💧 It is important to keep rain and dew away from Glue-It while curing. If there is high humidity, the curing time will be longer; and,
- 💧 A well ventilated area is recommended, as fresh drier air will shorten the curing time.

Safety Precautions	First Aid Instructions
<ul style="list-style-type: none"> 💧 Avoid contact with eyes – wear eye protection when mixing or using. 💧 Avoid contact with skin – wear gloves or protective cream. 💧 Avoid breathing dust or vapour – ensure adequate ventilation when using and curing. 💧 In confined areas, users must wear approved respiratory protection for organic vapours. 💧 Keep away from heat, sparks and flame – no smoking. 💧 In case of a spill, absorb, scoop or shovel up and dispose of in accordance with Local Government Regulations. 	<ul style="list-style-type: none"> 💧 If ill effects occur, remove person to fresh air and get prompt medical attention. 💧 If skin contact occurs, wash promptly with soap and water. 💧 If eye contact occurs, flush with plenty of water for at least five minutes and get prompt medical attention. 💧 If swallowed, do NOT induce vomiting – give a glass of water. 💧 If poisoning occurs, contact a doctor or Poisons Information Centre Telephone 13 11 26.