



# SENSEAL

Pty. Ltd.

"The Worlds Highest Quality Epoxies For Wood"

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## Fill-It™

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**Fill-It** is a two part epoxy gel that cures to form a high strength flexible repair that works with wood, cement, fiberglass and many other materials. Fill-It's unique epoxy formulation chemically bonds with most materials, achieving superior adhesion, flexibility and durability, while being easy to use.

### Preparing Fill-It

- 💧 Mix the two-part epoxy gel 1:1 by volume. Part A and B are different colours to aid in mixing;
- 💧 Always wear protective clothing when handling and using Fill-It. Senseal recommends plastic gloves (see safety precautions);
- 💧 Measure out equal parts of container A and B onto a sturdy plastic or metal disposable surface that is clean from any other materials. Mix the gel thoroughly by folding and smearing with a flat tool – remembering to scrape both the mixing surface and the mixing tool – until neither original colour can be seen and a combined off white colour is consistent throughout the gel. This is very important as unmixed bits will not cure; and,
- 💧 Once mixed Fill-It will begin to cure and must be used within the pot-life times indicated.

### Pot Life & Curing Times

Fill-It Pot Life & Curing Times			
Temperature	<i>Pot Life</i>	<i>Cure To Sand</i>	<i>Full Cure</i>
<i>Degrees Centigrade (°C)</i>			
38	½ hour	3 hours	10 hours
21	1 ½ hours	8 hours	24 hours
13	3 hours	16 hours	2 days
4	6 hours	32 hours	4 days
-2	16 hours	3 days	10 days

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

- 💧 You can tell if Fill-It is ready to sand when it no longer 'gums' up the sand paper.
- 💧 The thicker the application of Fill-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 Fill-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.

## Fill-It™

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### Applying Fill-It

Fill-It is best applied using a spatula, or similar thin and flat surfaced implement. If this tool is not disposable, use Senseal's **Epoxy Clean-It** to remove excess before it cures.

- 💧 First apply a thin film smeared forcefully against the surface and then Fill-It can be added to reach the desired thickness;
- 💧 The Fill-it may be molded to the desired shape while soft with a flat tool. Shaping can also be achieved by placing a clean piece of clear plastic film (like kitchen cling-wrap) over Fill-It and then molding it into the desired shape through the plastic. Leave the plastic on until Fill-It has set – the plastic will easily peel off;
- 💧 Once set, Fill-it can be sanded, sawn, chiseled, drilled and screwed just like wood;
- 💧 For extremely large, vertical or overhead applications it is advised to apply Fill-It in stages. First apply Fill-It until any more would cause it to sag under its own weight. Then wait until this cures before applying more filler. Very large holes can be partly filled with bits of wood and then filled around and over with Fill-It;
- 💧 For better adhesion of paint or varnish lightly sand fully cured Fill-It;
- 💧 To maximise coating adhesion apply a surface coat of Senseal's **Multi-Primer** to the Fill-It and surrounding unpainted surface before applying a top-coat; and,
- 💧 To make Fill-It less viscous so that it can be poured like honey into cracks or holes, mix in 10 to 20% of Senseal's **Laminate-It**.

### Shelf Life

If Fill-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.

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