



# Patch 'n' Bond Wood

Hand-mixable non-shrinking epoxy putty, which becomes an integral part of the wooden item being repaired, rebuilt or restored.



## Features & Benefits

- Ready to mix – no measuring or mixing tools necessary
- Low density – ideal for repairs on wooden structures
- High consistency – no dripping or running
- Universal – bonds to most materials
- Fast curing – functional strength achieved in 1 hour
- Versatile – suitable for interior or exterior use
- High chemical resistance to most industrial liquids

P/N	Product	S/C	Packaging
86692	Patch 'n' Bond Wood	PNBW	57 g epoxy stick in a tube

## Application

Patch 'n' Bond Wood is a two part single stick repair epoxy, which forms a fast setting repair that sets hard with the same density as wood. It fills nail and screw holes, gouges and scratches and replaces rotted and worn wood. It repairs moulding, panels, frames and furniture including levelling table and chair legs. Patch 'n' Bond Wood can be used to reshape wood carvings and wooden parts such as handles, knobs and pulls. It can also be used as an adhesive in making general wood to wood and wood to metal repairs.

Patch 'n' Bond Wood contains no solvents and does not shrink, pull away or dry out. Can be used internally and externally and is virtually unaffected by weather.

## Instructions

1. First sand then clean surface with KENT Acrysol or KENT Soft Surface Cleaner.
2. Cut off required amount of Patch'n'Bond Wood.
3. Wear impervious gloves when mixing or handling uncured product. Knead with damp fingers for 1 to 2 minutes until a uniform colour is achieved. If mixing is difficult, warm the epoxy stick to room temperature or slightly above.
4. Apply to surface to be repaired within 2 minutes of mixing. Force into any cracks or holes and strike off excess material, preferably with a tool moistened with clean water.
5. For a smooth appearance of the cured compound, hand rub with water or a damp cloth prior to hardening. Remove excess material before hardening begins.
6. After 60 minutes, the repair can be drilled, sawed, carved, sanded, stained or painted.



## Technical Information

<b>Base:</b>	Epoxy resin
<b>Consistency:</b>	Putty
<b>Colour:</b>	Pine brown (mixed)
<b>Weight:</b>	57 g
<b>Shelf life:</b>	24 months
<b>Custom tariff code:</b>	32149000
<b>VOC:</b>	0 g/l

<b>Cure mechanism:</b>	Cross-linking resin and hardener
<b>Specific gravity:</b>	0.9 g/cm <sup>3</sup>
<b>Hardness:</b>	Shore D 75
<b>Shrinkage:</b>	< 1%
<b>Compressive strength:</b>	55 N/mm <sup>2</sup>
<b>Lap shear strength:</b>	6.2 N/mm <sup>2</sup> on steel
<b>Working time:</b>	2-5 minutes
<b>Handling strength achieved:</b>	15 - 20 minutes
<b>Functional strength achieved:</b>	60 minutes
<b>Full strength achieved:</b>	24 hours
<b>Electrical resistance:</b>	30000 Mega ohms
<b>Dielectric strength:</b>	300 Volts/mil
<b>Temp resistance :</b>	-40° C to +120° C (to 150° C intermittent)
<b>Application temp:</b>	+10° C to +25° C

### Chemical Resistance

Sulphuric acid 24% (battery acid):	Very good
Hydrochloric acid 37%:	Very good
Ketones:	Very good
Diesel:	Very good
Petrol:	Very good
Alcohol:	Very good
Glycols:	Very good
Water:	Very good
Salt water:	Very good
Brake fluids:	Very good
Motor Oils:	Very good

Information provided here is for reference only. The bonds tested were under laboratory conditions. Adhesive performance depends upon the specific chemicals tested, substrates bonded, surface preparation and environmental conditions in processing.



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