

# EPS847 Wood Epoxy Stick

Engineering Adhesives

## DESCRIPTION

EPS847 Wood Epoxy Stick is a speciality epoxy putty, that mixes in one minute to provide fast, permanent repairs to anything made of wood.

EPS847 Wood Epoxy Stick when cured becomes an integral part of the wooden item being repaired, rebuilt or restored. 60 minutes after mixing EPS847 Wood Epoxy Stick has the density of wood and can be drilled, sawed, carved, sanded and painted.

EPS847 Wood Epoxy Stick comes in an easy to use hand kneadable stick with a putty like consistency, allowing for very easy mixing and application, with no tools required.

Physical Properties	
Resin:	Epoxide
Mixed Colour:	Brown
Electrical Resistance:	30,000 megahoms-cm
Dielectric Strength (Steel)	300 Volts/mil
Shrinkage	<1%
Non-Volatile Content	100%
Temp Range:	120°C continuous 150°C intermittent
Open Time:	3.5 minutes
Cured Performance	
Initial Cure:	20-30 minutes
Full Cure Time:	24 hours
Lap Shear Tensile Strength:	
On steel	6.2MPa
Shore D hardness:	65
Compressive Strength:	55MPa

## APPLICATIONS

After correct mixing, EPS847 Wood Epoxy Stick moulds like clay to repair, rebuild or restore anything made from wood. It fills nail and screw holes, gouges and scratches and replaces worn wood.

EPS847 Wood Epoxy Stick repairs anything made of wood including, panels, frames and furniture and can even be used to level uneven table and chair legs. EPS847 Wood Epoxy Stick can be used to reshape wood carvings and wooden parts such as handles and knobs.

EPS47 Wood Epoxy Stick contains no solvents and will not shrink, pull away or dry out and is non-toxic. EPS847 Wood Epoxy Stick is suitable for interior and exterior applications and as is virtually unaffected by weather. Sanding of the cured EPS847 Wood Epoxy Stick is recommended prior to applying paint or stain, this can be carried out within 45 minutes of application.



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## DIRECTIONS FOR USE

We recommend the use of impermeable gloves when mixing.

In order to achieve optimum adhesion, surfaces should be clean and free of grease and dirt.

To mix, twist or cut off required amount and knead with fingers to form a uniform colour. If mixing is difficult, warm to room temperature.

Apply to the surface to be repaired (within 2 minutes of mixing). Force into any cracks or holes to be filled and remove any excess material. The mixed epoxy does not exhibit high bond strength at this point,

When applying to a damp, wet or slowly leaking area, work the material forcefully into the surface and apply pressure until adhesion begins to take effect. 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.

After just 60 minutes EPS847 Wood Epoxy Stick can be drilled, sawed, carved, sanded or painted.

## LIMITATIONS

Does not bond to polyethylene, polypropylene or P.T.F.E.  
Not suitable for structural applications.

## CHEMICAL RESISTANCE

Resistant to hydrocarbons, ketones, alcohols, esters, halocarbons, aqueous salt solutions and dilute acids and bases.

## PACKAGING

7" in length, weighing approx. 57g. Individually packaged in a reusable clear plastic tube and end cap.

## STORAGE & SHELF LIFE

Store in a cool area out of direct sunlight

Shelf Life: 24 months @ 24°C

Any unused portion of stick will remain stable for up to two years if protected from direct contact with the air, and stored in cool conditions.

## HEALTH & SAFETY

**IRRITANT:** Contains epoxy resin and may cause skin irritation in sensitive individuals. Unnecessary skin contact should therefore be avoided. If skin contact occurs, wash with a proprietary hand cleaner, followed by washing with soap and water. In case of eye contact seek medical attention. When fully cured, the product can be considered non-toxic. Always keep EPS847 Wood Epoxy Stick away from foodstuffs and food utensils.

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