

# D308 - Delta Wood Stick

## Product Information

### Description

Delta Wood stick is a low density epoxy putty which will not shrink or pull away from wood. It can be used to repair or rebuild wooden items, and when cured it can be drilled, sawn, carved, sanded and painted or stained. Delta Wood stick is a hand kneadable epoxy putty supplied as a two-part concentric stick of contrasting colours; when mixed it sets to a light wood coloured material which can be drilled, sawn, carved, sanded and stained or painted as required.

### Basic uses

Use Delta Wood stick to fill nail and screw holes; rebuild gouges and scratches to original contour; repair rotten and worn wood; fill carpenter bee damage; reshape knobs and handles; level chair and table legs; repair moldings, panel frames, and furniture; sculpt missing detail to restore picture frames and antiques; and much more.

### Packaging

Delta Wood stick is supplied in a stick form wrapped in a clear release film. The stick has a nominal 22mm diameter and is available in various lengths. Packaged in a reusable clear plas-tic tube with a plastic friction top.

### Benefits

- Suitable for interior and exterior use.
- Safe for use with potable water.
- Contains no solvents or VOCs.
- Won't shrink or pull away.
- Non-flammable; releases no noxious fumes.

### Shelf Life

Delta Wood stick should be stored out of direct sunlight in dry frost free conditions of temperatures between 5°C and 20°C. Under such conditions shelf life will be 24 months from the date of manufacture. One year minimum from date of shipment when stored in original, unopened container in a dry area at temperatures below 75°F (24°C).

### Application limitations

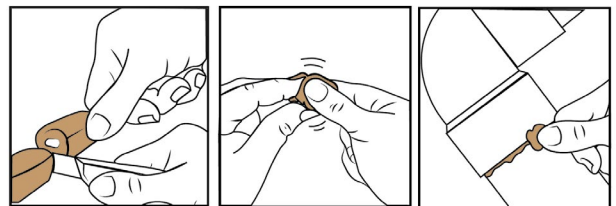
- Does not adhere to polyethylene, polypropylene, or PTFE.
- Not intended for use in structural applications.

### Directions of use

Wear impervious gloves when mixing or handling uncured product. Twist or cut off required amount with gloved fingers, then mix by kneading to a uniform color. Use damp fingers for easier mixing and application. If mixing is difficult, warm to room temperature or slightly above. Apply to the repair surface within 7 - 10 minutes of mixing. Force into any cracks or holes and strike off excess material before hardening begins, preferably with a tool moistened with clean water. For a smooth cured appearance, rub with water or a damp cloth prior to hardening.

Delta Wood stick has a 15- to 25-minute work life.

Functional cure occurs in 60 minutes. The application can then be sawed, sanded, filed, drilled, tapped, painted, and stained.



### Health precautions

- Contains Epoxy Resin. Epoxies are skin/eye irritants and known sensitizers. Direct product contact may cause an allergic reaction in some individuals. Avoid skin/eye contact. Wear impermeable gloves when mixing or handling uncured product.
- Inhalation of dust may be harmful. Avoid inhalation of dust. Wear dust mask and protective eyewear when sanding cured product.
- Ingestion of product may be harmful. Avoid ingestion.
- Turn off power when doing electrical repairs.
- KEEP OUT OF THE REACH OF CHILDREN.

For additional health and safety information, consult a Safety Data Sheet.

### Important Note

Whilst all reasonable care is taken in compiling technical data on the Company's products, all recommendations or suggestions regarding the use of such products are made without guarantee, since the conditions of use are beyond the control of the Company. It is the customer's responsibility to satisfy himself that each product is fit for the purpose for which he intends to use it, that the actual conditions of use are suitable and that in the light of our continual research and development programme the information relating to each product has not been superseded.

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## Product Information

TECHNICAL DATA SHEET  
EDITION: 08/09/2021  
PRODUCT CODE: D308

### Technical Data\*

Properties	Results	Test Methods
Work life	15 to 25 Minutes @ 24°C	
Shore D Hardness	65	ASTM D2240
Lap shear strength on Steel and Oak	6.2N/mm <sup>2</sup> @ 24°C 3.5N/mm <sup>2</sup> @ 24°C	ASTM D1002 ASTM D1002
Temperature Limitations	-40°C to +121°C Continuous -40°C to +149°C intermittent	
Dielectric strength	11,800 V/mm	ASTM D149
Compressive strength	55N/mm <sup>2</sup>	ASTM D695
<b>Chemical resistance:</b> Resistant to hydrocarbons, Ketones , alcohols, esters, halcarbons, aqueous salt solutions, dilute acids and bases.		

\*Typical properties are for information only, not for purposes of specification. The data above represents product performance in ideal laboratory conditions. Individual users' experience may vary depending on application conditions.

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