

Liquid Nails Rapid Cure

Description

Liquid Nails Rapid Cure is an advanced, high performance polyurethane construction adhesive that cures in just 10 minutes¹. It provides the ultimate strength in the Liquid Nails range. It is a durable, waterproof bond even when bonding two non-porous surfaces. It bonds most building materials.

Product Information

Packaging	Size	Colour
Cartridge	325 grams	Translucent

Uses

Liquid Nails Rapid Cure is ideal for use on timber, MDF, tiles, most plastics², masonry, concrete, metals, rubber, plasterboard and LOSP-treated pine.

Features

- Rapid cure
- Excellent adhesion on various substrates
- Adheres to damp/poorly seasoned timber & other damp surfaces
- Waterproof
- Weather resistant
- Resistant (after full cure) to heat (100°C) & cold (-15°C)
- Bridges gaps (up to 3 mm)

Technical Details

Property	Typical Result
Technology	Polyurethane
Colour	Translucent
Density	1.13 g/ml
Initial Cure	10 minutes
Full Cure	24 hours
Working Time	5 minutes
Initial Bond Strength: hoop pine (after 1 hour @ 23°C, 50% relative humidity)	3 Mega Pascals
Bond Strength in Tensile Shear: pine/pine (after 24 hrs @ 23°C, 50% relative humidity)	7 Mega Pascals
Service Temperature	-15°C to 100°C
Indicative data only, not intended for preparation of specifications	

Standards

Liquid Nails Rapid Cure is waterproof and meets BS-EN 204 D4.

Surface Preparation

Ensure surface is clean and free from dust and grease. Remove any pooled water.

Directions for Use

Do not swallow. Use in a well-ventilated area. Avoid contact with skin and eyes.

1. Cut cartridge tip, fit nozzle and cut to size (5mm).
2. Apply bead along length of one bonding surface. On broad surfaces apply beads every 40cm.
3. Position pieces and press firmly together. Fix with sufficient nails, screws or clamping to hold and achieve contact over total bond area. Repositionable for up to 5 minutes after fitting.
4. Allow to set for 15-20 minutes for porous surfaces before removing temporary fasteners or clamps¹.

Clean Up

Wet product - clean tools and surfaces immediately with acetone or mineral turps.

Dry product – remove by chiselling, scraping or sanding.

Tips

- Adhesive requires moisture to cure, therefore drying times will vary depending on temperature, humidity and porosity of materials bonded.
- ¹Expect longer dry times for very 'dry' timber, heavier objects and less porous surfaces, or in cold weather. Spraying surfaces with a very light mist of water may help to speed up cure.
- Product expands slightly as it cures.
- Can be used on rough and ill-fitting surfaces. Can bridge and fill gaps up to 3mm.

Limitations

- ²Not suitable for bonding polypropylene and polyethylene.
- Should not be applied below 5°C
- Do not sue as the sole bonding agent for structural bonding.
- Not for permanent water immersion.

Warnings, First Aid and Shipping Information

This information can be located on the product SDS found through our website – www.selleys.com.au