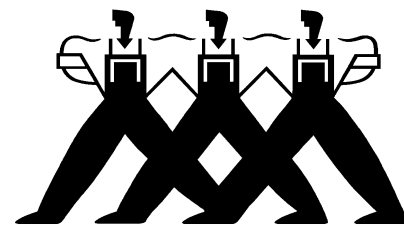


# Injectors

Incorporating one-way valves  
An Ultra Low Disturbance  
Building Solution



Property Repair Systems  
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## Introduction

Injectors are ribbed plastic tubes designed to be inserted into holes drilled in wood, brick, mortar, stone, render or metals.

They can be directly hand injected, at low pressure, using syringes that plug directly into the outer end. The one-way valve inside each Injector prevents back flow and dribbling.

## Summary of the technique

- Injectors are hammered in
- They have one-way valves
- Use a Syringe to inject
- Inject resins
- Inject wood treatments
- Can be replaced with filler or plugs to finish

## DESCRIPTION

**Injectors** are designed for three main tasks:

### Cracks

Cracks in wood, stone, brick, render, mortar, concrete and metals can be injected via Injectors hammered into 10mm diameter holes, as long as the material is deep enough to exceed the 40mm injector length, in order to allow the injected material to reach the crack or fissure.

### Voids

Voids and holes in wood, stone, brick, render, mortar, concrete and metals can be injected via Injectors hammered into 10mm diameter holes, as long as the material in front of the void is deep enough to hold the ribbed 40mm injector body length securely.

## Specification

**Injector size** – 10mm (ribbed) x 40mm

**Hole Size** – 10mm diameter hole required

**Minimum hole depth** – 50mm

## Timber Treatments - insects

Timber treatment liquids, pastes and gels can all be injected through the Injectors in order to force the chemical into cracks, insect tunnels and rot cavities.

### Death Watch Beetle

Death Watch Beetle requires injection in order to reach the active insects deep inside the wood. The insects do not visit the surface very often and have a long life cycle – 8 to 10 years. Tap with a hammer and test drill to locate the attacked zone. Inject Ultra Boron Paste or Ultra Timber Paste.

### House Longhorn Beetle

House Longhorn Beetle is rare in the UK, but common in Europe. It eats the sapwood of Softwoods rapidly, typically roof timbers, and can be heard chewing the wood. Inject Ultra Timber Paste.

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