

# IN-FORMFILL



**inform**

## A RESIN BASED FLEXIBLE FORMWORK REPAIR KIT DESIGNED FOR REPAIRING HOLES AND DAMAGE TO CONCRETE FORMWORK PANELS

### DESCRIPTION

In-formfill is a two part polyester based filler consisting of a dark brown coloured paste and reactive hardener specially developed to repair damage on formwork panels and shuttering.

When mixed together, applied and allowed to cure, In-formfill forms a strong hard mass which can be sanded and profiled to requirements.

In-formfill offers good abrasion resistance and durability. It is most suitable for use on Phenolic coated ply forms, as the final colour is very similar to most Phenolic boards available in the UK, allowing near "invisible" repairs to be carried out. It can be used on any type of timber, metal or fibreglass formwork and for any general wood repairs.

### ADVANTAGES

- **User Friendly** – Materials are pre-packaged and only require mixing together. No special primers are necessary.
- **Colour Match** – Final colour is sympathetic to most Phenolic boards.
- **Rapid Setting** – Six minutes at 20°C and fully cured in thirty minutes at 20°C.
- **Finishing** – Excellent finishing and feather edging characteristics
- **Low Shrinkage** – Maintains high bond strength to substrate and ensures good performance of the repair.
- **Waterproof** – Oil and water resistant when cured

### TECHNICAL DATA

Mixing ratio W/W:	100 parts paste : 2 parts hardener
Mixed density:	1.70g/cm <sup>3</sup>
Working Life:	6 minutes at 20°C
Cure time:	30 minutes at 20°C
Shore D hardness:	>70
Tensile shear adhesion:	5.5 N/mm <sup>2</sup> (AL to AL)
Compressive strength:	46.0 N/mm <sup>2</sup> (ASTM D695-)
Tensile strength	13.2 N/mm <sup>2</sup> (ASTM D638)
Elastic modulus:	13228 N/mm <sup>2</sup>
Flexural strength:	30.12 N/mm <sup>2</sup> (ASTM D790)
Flexural modulus:	5896 N/mm <sup>2</sup>

### HEALTH & SAFETY

Refer to separate material safety data sheet. Copies available by request.

### PACKAGING

In-formfill is supplied in 6kg metal tins with carry handle and 4 x hardener tubes and plastic spatula.

### STORAGE AND HANDLING

Avoid temperatures above 25°C, when stored correctly will remain at its best for at least 18 months and is useable for up to 4 years.



### PREPARATION

To achieve the maximum performance it is essential that all substances are sound, clean, dry and free from surface contaminants such as oil, grease, sawdust and loose particles. On metal substrates remove all existing coatings, corrosion products and general grime by mechanically abrading, shot blasting or wire brushing back to white metal. Cracks or splits should be opened up and "v"ed to ensure total penetration. Areas contaminated with oil or grease require solvent degreasing by either immersion or wiping with a lint free cloth dampened with the solvent system.

### MIXING

Mix only sufficient for immediate requirements. Place an amount of In-formfill paste (about the size of a golf ball) onto a non-porous board, then squeeze a small amount of hardener from the tube (about 1½" strip) next to the paste. Mix the paste and the hardener to thoroughly blend the two. Ensure that the material is scraped clear of the mixing board and spatula at least once to ensure complete mixing.

### APPLICATION & HANDLING

Apply with a plastic spatula or similar implement and contour the In-formfill to the desired shape. Leave sufficiently proud of the surface to allow sanding. Final sanding can be achieved 15-30 minutes after setting. When fully cured, In-formfill may be coated with most available wood finishes. It can also be machined, filed, shaped and drilled.

### QUALITY ASSURANCE

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