7.113 Gemstop FCII

epoxy putty

Gemstop FCII is a solvent free 2-part, fast cure, knife or trowel, epoxy putty.

It is formulated for stopping and filling wood, metal, concrete, cement fibre sheet, fibreglass, and similar substrates.

It is typically tack free in 1 mm film thickness after 2-5 min cure depending on ambient temperature and amount mixed. It will cure at low temperatures and is supplied in a convenient 1:1 mix ratio.

It can be applied to vertical surfaces without slumping

Performance and limitations

- Read Cotec datasheets and SDS before using products.
- Contamination between coats must be removed. All surfaces clean and dry before application.
- The above coating is suitable for use when mixed and applied as per datasheet instructions to a properly prepared substrate.
- This suitability for use does not cover physical abuse or impact damage to the system, damage caused by movement of the substrate, substrate contamination, faulty substrate, failure to regularly maintain the system, or normal wear and tear.
- Allow to cure in a dust free environment.

Physical properties

Coating type	Two component epoxy
Appearance	Resin – yellow paste
	Hardener – white paste
Solids	100%
Solvent	N/A
Mix ratio	1:1
Pot life (@20°C)	60 seconds
Coverage	0.1 m^2/l @1cm thick
Cure tack free @20°C	2 – 5 minutes
Cure to sand @20°C	30 – 60 minutes
Tensile strength (psi)	N/A
Shore hardness	N/A

Surface preparation

- Loose material must be removed.
- All oil, grease, and other contaminants must be removed

Application

- Completely mix by volume 1 part of Part A and 1 part of Part B with a square bladed putty knife then apply – about 60 seconds mixing is usually sufficient.
- Mixing small portions is recommended due to speed of cure.
- Cure to tack free is normally 2-5 min for 1mm thickness but will vary depending on temperature and amount mixed.
- Up to 10% extra hardener can be used in cooler conditions to speed cure.
- Gemstop FCII will be slightly rubbery in the early stages of cure but can still be sanded.
- Gemstop FCII can be over coated with most adhesives, or coatings providing it is thoroughly sanded.

Safety precautions

Refer to the Safety Data Sheet for this product prior to use. Please ensure that they are familiar with all aspects concerning safe application of this product, including appropriate personal protective equipment (PPE). If you are unsure about any health and safety aspects of this product, do not use it.

END OF TDS

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