

Sealtite FLV

Flexible Low Viscosity Epoxy Resin

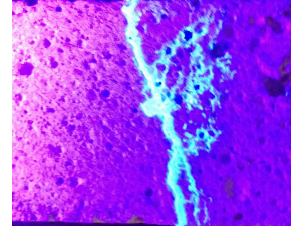


DESCRIPTION

Sealtite FLV is a flexible, transparent, low viscosity epoxy resin designed for fine cracks and honeycombs in concrete where movement is anticipated. Its very low viscosity allows for maximum penetration and it is suitable for cracks of 0.1mm or less.

Sealtite FLV can be used with with CRG low pressure syringe injectors or high pressure injection packers.

Sealtite FLV may include an optional UV-Visible tracer dye to aid in application and final inspection of any repairs.



Sealtite FLV's optional UV-Visible dye is clear under normal lighting conditions but clearly highlights micro-fractures when subjected to UV light.

ADVANTAGES

- 100% solids
- Flexible
- Contains a UV tracer dye for easier quality control and inspection
- Very low viscosity
- Variations in pot life available
- Low colour
- Penetrates hairline cracks

USES

- Concrete crack injection
- Repairing delaminated screeds, tiles and timber flooring.
- Binder for polymer screeds

SPECIFICATION DATA at 23°C

Colour:	Transparent
Mix ratio A:B by volume:	2:1
Mixed viscosity:	80mPa·s
Pot life (150ml):	20 - 30 minutes
Through cure:	24 hours
Full cure:	7 days
Compressive strength:	47N/mm ²
Flexural strength:	105N/mm ²
Tensile strength:	27N/mm ²
Elongation:	30%
Solids:	100%
Storage:	Store between 5°C - 40°C away from direct sunlight
Shelf life:	12 months

DIRECTIONS FOR USE

- Premix both part A and B well before use.
- 2 component material: add part A to part B at the ratio of 2:1 by volume and mix until homogeneous.
- Or dispense with a mechanical pump set at a 2:1 ratio.
- In large volumes exothermic reaction will shorten the pot life.
- Minimum application temperature 5°C. Allow additional curing time at temperatures below 23°C.

SAFETY

Refer to the MSDS before use.

ADDITIONAL PRODUCTS

Cleaners

- *Sealtite Cleaner* - Non-flammable, low evaporation rate.
- *Cleaner 100* - Flammable, fast drying.

Accessories

- *Syringe injectors* - Surface mount, 50ml volume, max. pressure 9.1kgf, min. pressure 2.5kgf, refillable.
- *Packers* - High pressure injection, 6mm to 13mm diameters.
- *DP1* - Basic model single component resin injection pump.
- *DP2* - Heavy duty single component resin injection pump.

CRG

CRG Pty Ltd

www.crg.solutions

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