

Description

Galaxie EP Flex is a low modulus, epoxy resin designed for use as a flexible jointing sealant for horizontal areas. Galaxie EP Flex can also be used as a highly flexible crack injection resin for non-structural crack repairs.

Benefits

- Highly flexible > 100% elongation
- Low viscosity
- Bonds to damp substrate
- Long pot life
- Can be filled if required

General Application

- Factory Floors
- Hydro-electric plants
- Circulating water tunnels
- Waste water and sewer lines
- Injection of moving cracks
- Flexible jointing

Application Guidelines

As with any epoxy resin system, mixing of the resin is critical. Both parts A and B should be shaken or stirred prior to decanting the resins, then should be mixed properly at the correct mix ratio for 2 minutes using a slow speed mixer.

Please note set times are based on 200gm (small quantity mixing) and larger batches will reduce the pot life accordingly.

Concrete surfaces or cracked sidewalls to which this product is to be applied should be cleaned by clean air or potable water. This will ensure a superior bond after the resin has cured. Galaxie EP Flex is moisture insensitive and will bond to damp surfaces although dry conditions are desirable.

When filling is required to increase the viscosity, we recommend the use of very fine dry Calcium Carbonate at a ratio of between 4-6-parts filler to 1-part of mixed resin.

For nosing repairs, we recommend the use of Galaxie Universal Filler at a ratio of 6-parts filler to 1-part mixed resin.

For more detailed application details please contact Galaxie Chemicals or your local representative.

All equipment and tools are to be cleaned using Galaxie Epoxy Cleaner.

Technical Data

GALAXIE EP Flex	
Appearance	Clear Amber
Solids Content	100%
Density	1.05
Viscosity	300 - 500 cps
Mix Ratio (by Volume)	1:1
Pot Life (200g)	25 min
Gel Time (0.1mm)	5 - 7 hours
Final Cure	7 days
Bond Strength	> 0.75Mpa
Hardness (Shore)	35-A
Elongation	> 100%

All technical data stated herein is based on tests carried out under laboratory conditions at 25°C

Packaging

Galaxie EP Flex is supplied in a 10.5kg pack. Packaging size may vary subject to local regulations and requirements.

Storage

Galaxie EP Flex should be stored at room temperature (min 10°C and max 35°C), kept dry and out of direct sunlight. If these conditions are maintained and the product packaging is unopened, then a shelf life of 1 year can be expected.

Health & Safety

Galaxie EP Flex should only be used as directed. We always recommend that the Safety Data Sheet is carefully read prior to application of the material. Our recommendations for protective equipment should be strictly adhered to for your personal protection. Please contact Galaxie or your local representative for the current SDS.

