

Description

Galaxie PU RS is based on a polyol component (part A) and a polymeric MDI (part B). When mixed, a hydrophobic closed cell polyurethane foam is formed which is tough, rigid and resistant to a wide range of chemicals.

Galaxie PU RS reacts rapidly enabling the product to cut off large water leaks. The high expansion rate is great for filling of voids and when confined has excellent compressive strength.



Benefits

- High foam strength
- Rapid reaction
- Good bond strength
- Medium viscosity
- Solvent free, environmentally safe

General Application

- Sealing extreme water ingress
- Filling voids
- Dry fissure grouting
- Foundation stabilisation
- Slab jacking

Application Guidelines

Galaxie PU RS is a dual component material mixed at a ratio of 1:1 by volume. It is best mixed in a suitable mixing head from a twin piston pump. When the material has cured; it forms rigid polyurethane foam.

The reaction time and foaming will vary depending on temperature and water encountered. Please contact your local Galaxie representative should you require any further information regarding suitability or application of this product.

Note

It is recommended that the material be conditioned to appropriate temperatures for at least 12 hours prior to application. Careful consideration should be given to applications below 10°C on a falling thermometer to avoid possible crystallisation.

Technical Data

GALAXIE PU RS (mixed)	
Appearance	Brown
Density	1.1
Mix ratio	1:1 by volume
Final cure	24 hours
Viscosity	280-350 cps
Elongation at break	2-4%
Expansion	>1600%
Restrained compressive strength (zero expansion)	>60MPa
Cream time	30 seconds
Gel time	90 seconds
Tack free time	150 seconds

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

Packaging

Galaxie PU RS is supplied in 45KG packs. Packaging size may vary subject to local regulations and requirements.

Storage

Galaxie PU RS 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 PU RS 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.

