

DESCRIPTION



GeoTek SJ is based on a polymeric MDI (Part A ISO) and a polyol component (Part B Polyol). When mixed, a super-fast reacting polyurethane foam is formed which is tough, rigid and resistant to a wide range of chemicals. Controlled expansion and high early strength allows this material to be used effectively for raising sunken slabs and pavements.

KEY BENEFITS

- › Fast reaction
- › Controlled expansion
- › High foam strength
- › Low viscosity
- › Precision adjustment capability
- › Traffic ready within minutes
- › Displaces water
- › Solvent-free, environmentally safe (Phthalates free)

TYPICAL APPLICATIONS

- › Jacking / lifting concrete slabs
- › Foundation stabilisation

STORAGE

GeoTek SJ should be stored at room temperature (min 10°C and max 38°C), kept dry and out of direct sunlight. If these conditions are maintained and the product packaging is unopened, then a shelf life of one year can be expected.

TECHNICAL DATA

GeoTek SJ Part A ISO	
Colour	Brown
Density @ 20°C	1.23
Viscosity @ 20°C	200 - 400 mPa.s
Mix ratio (A:B by volume)	1:1
GeoTek SJ Part B Polyol	
Colour	Opaque
Density @ 20°C	1.08
Viscosity @ 20°C	600 - 950 mPa.s
Mix ratio (A:B by volume)	1:1
GeoTek SJ Mixed at a ratio of 1:1	
Reaction speed	At 20°C: rise at 25 seconds end at 55 seconds At 70°C: rise at 2 seconds end at 10 seconds
Final cure	10 minutes
Expansion	> 10X

All technical data stated herein is based on tests carried out under laboratory conditions.

APPLICATION GUIDELINES

GeoTek SJ is a dual component material mixed at a ratio of 1:1 by volume.

GeoTek SJ is ideally suited for use with a plural component reactor pump.

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

If voids and cavities must be filled, we advise using our TamPur 117. TamPur 117 is designed for economic filling of voids and cavities. Void filling should be undertaken in stage/lifts, this will reduce the exothermic heat generated during the reaction stage. Polyurethane grout can't be used as void/cavity filling material. Please contact your local Normet representative first, if void/cavity filling is the planned application.

HEALTH & SAFETY

GeoTek SJ should only be used as directed. We always recommend that the Safety Data Sheet (SDS) is carefully read prior to application of the material. Our recommendations for protective equipment should be strictly adhered to for your personal protection. The Safety Data Sheet is available upon request from your local Normet representative.