

Two-Component Rapid Setting Polyurethane Grout

DESCRIPTION

TamPur 125 is based on a castor oil containing polyol component (part A) and a polymeric MDI (part B). When mixed, a highly hydrophobic polyurethane foam is formed which is tough, rigid and resistant to a wide range of chemicals. TamPur 125 reacts rapidly enabling the product to cut off large water leaks.

KEY BENEFITS

- > Highly hydrophobic
- > High foam strength
- > Rapid reaction
- > Good bond strength
- > Medium viscosity
- > Solvent free, environmentally safe.

TYPICAL APPLICATIONS

- > Extreme water ingress
- > Large voids
- > Dry fissure grouting
- > Foundation stabilisation

TECHNICAL DATA

TamPur 125 Part A	
Colour	Light yellow liquid
Density	1.00 g/cm ³
Viscosity @20°C Brookfield DV 11 spindle no. 2 at 30 rpm	500 - 700 mPa.s
TamPur 125 Part B	
Colour	Brown
Density	1.23 g/cm ³
Viscosity @20°C Brookfield DV 11 spindle no. 2 at 60rpm	200 - 400 mPa.s
TamPur 125	
Mix ratio (A:B by volume)	1:1
Colour	Brown
Expansion	> 15X
Final cure	1 day

Testing TamPur 125 – All tests carried out using a 1:1 mix ratio by volume

Reaction Times (1:1)	10°C	20°C	30 °C
Cream time	< 10 sec	< 10 sec	< 10 sec
Gel time	< 150 sec	< 120 sec	< 75 sec
Tack free time	< 180 sec	< 150 sec	< 90 sec

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

APPLICATION GUIDELINES

Components A and B of TamPur 125 are delivered ready-to-use. They are injected in the ratio of 1:1 by volume using a two component injection pump (Tam TP range), equipped with a suitable static in-line mixer to achieve thorough mixing of the two components during injection.

Note: The curing reaction time will vary depending on the temperature of the TamPur 125 resin, the substrate, the rock, and the ground water. Both components should be stored above 15°C prior to application.

Careful consideration should be given to applications below 10°C on a falling thermometer to avoid possible crystallisation.

PACKAGING

TamPur 125 is supplied in 45 kg packs. Packaging size may vary subject to local regulations and requirements.

STORAGE

TamPur 125 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.

HEALTH & SAFETY

TamPur 125 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.