

TamPur 125

2-Component Rapid Setting Polyurethane Grout



▶ Description

TamPur 125 is based on a polyol component (part A) and a polymeric MDI (part B). When mixed, a 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

- Potable water certified
- 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 stabilization

▶ Technical Data

TamPur 125 Part A	
Colour	Opaque
Density	1.05
Mix ratio (A:B by volume)	1:1
TamPur 125 Part B	
Colour	Brown
Density	1.23
Mix ratio (A:B by volume)	1:1
TamPur 125 Mixed at a ratio of 1:1	
Colour	Brown
Density	1.1
Final cure	1 day

Viscosity @25°C	300 - 400cps
Brookfield DV 11 spindle no. 2 at 60rpm	
Elongation at break	3 - 4%
Expansion	Up to 16 times
Slant shear bond strength BS6319-4	12.9N/mm ²

Reaction Times (1:1)	@ 15°C	@ 25°C
Cream time	50sec	30sec
Gel time	120sec	90sec
Tack free time	180sec	150sec

Slow set version is available upon request.

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

▶ Application Guidelines

TamPur 125 is a dual component material mixed at a ratio of 1:1 by volume. Mix the individual components Part A and Part B separately using a slow speed drill and paddle mixer for approx. 30 seconds. Add the proper ratio of Part A to the Part B in a large mixing container (plastic preferred) and mix for a further 3 minutes. Mix material for no less than 3 minutes. Longer mixing times may be required in cooler weather.

It is best mixed in a suitable mixing head from a twin piston pump. When the material has cured it forms a rigid polyurethane foam.

The reaction time and foaming will vary depending on temperature and water encountered. Please contact your local TAM International 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 crystallization.

TamPur 125

2-Component Rapid Setting Polyurethane Grout



▶ 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 1 year can be expected.

▶ Health & Safety

TamPur 125 should only be used as directed. We always recommend that the Health & 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. The Health & Safety data sheet is available upon request from your local TAM International representative.

www.taminternational.com

TAM Australia

+61 8 8340 4166

TAM Hong Kong

+852 2690 3723

TAM India

+91 92 7222 5905

TAM Indonesia

+62 21 7801414

TAM Singapore

+65 6296 0364

TAM Taiwan

+886 49 2263 066

TAM UK

+44 2476 253098