

TamPur 125 (ECO Range)

Two-Component Rapid Setting Polyurethane Grout

DESCRIPTION

TamPur 125 is part of our new ECO range and is a two component, high foaming, high strength polyurethane injection resin formulated to provide fast effective water cut off. TamPur 125 (ECO Range) forms a strong rigid cell structure upon reaction providing resistance against high hydrostatic pressure. TamPur 125 (ECO Range) is phthalate free and environmentally friendly.

KEY BENEFITS



- › Potable water certified AS 4020 : 2018*
- › Phthalate free, non-toxic
- › High foam strength
- › Rapid reaction
- › Good bond strength
- › Medium viscosity
- › Solvent free, environmentally safe

TYPICAL APPLICATIONS

- › Extreme water ingress
- › Foundation stabilisation

TECHNICAL DATA

TamPur 125 (ECO Range) Part A	
Colour	Clear yellow – tinged
Density	1.02
Viscosity	598 cps
Mix ratio (A:B by volume)	1:1
TamPur 125 (ECO Range) Part B	
Colour	Brown
Density	1.23
Viscosity	220 cps
Mix ratio (A:B by volume)	1:1
TamPur 125 (ECO Range) Mixed at a ratio of 1:1	
Colour	Brown
Density	1.1
Final cure	1 day
Viscosity	350 - 450 cps
Elongation at break	2 - 4%
Expansion	Up to 16 times

Reaction Times (1:1)	@ 15°C	@ 21°C
Cream time	35 sec	21 sec
Rise time	159 sec	125 sec
Tack free time	225 sec	180 sec

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

APPLICATION GUIDELINES

Components A and B of TamPur 125 (ECO Range) are delivered ready-to-use. They are injected in the ratio of 1:1 by volume using an appropriate two-component injection pump equipped with a static in-line mixer. If you need any further information about pumps and accessories, please contact your local Normet Representative.

Note:

- › It is recommended that the material be conditioned to appropriate temperatures for at least 12 hours prior to application.
- › The curing reaction time will vary depending on the temperature of the TamPur 125 (ECO Range) resin, injected medium and the ground water. Both components should be stored above 10°C prior to application.

To achieve thorough mixing of the resin & catalyst during injection, use of a static in-line mixer in connection with the mixing head is essential. The length of the static mixer should be at least 300 mm long.

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

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.

*Tested by the AWQC



Whilst any information and/or specification contained herein is to the best of our knowledge, true and accurate, we always recommend that a trial be carried out to confirm suitability of the product. Please note regional climatic conditions may cause a variation in the performance of the product. No warranty is given or implied in connection with any recommendations or suggestions made by us or our representatives, agents or distributors. The information in this data sheet is effective from the date shown and supersedes all previous data. Please check with your local Normet office to confirm that this is current issue. Formerly known as TamPur 125.

TamPur 125 (ECO Range)



CONSTRUCTION CHEMICALS

TECHNICAL DATA SHEET

Two-Component Rapid Setting Polyurethane Grout

PACKAGING

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

STORAGE

TamPur 125 (ECO Range) 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 (ECO Range) 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.

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