

# TamPur 170 LV (ECO Range)

Two-Component Flexible Polyurethane Grout

## DESCRIPTION

TamPur 170 LV is part of our new ECO range and is a two component, low viscosity, hydrophobic polyurethane injection resin formulated to produce a highly resilient flexible gasket. TamPur 170 LV (ECO Range) is especially suited for elastic filling/bonding of cracks, joints and voids that exhibit movement and for injection into injection tubes. TamPur 170 LV (ECO Range) is commonly used as permanent primary injection and for second pass injection to tighten up. TamPur 170 LV (ECO Range) is phthalate free and environmentally friendly.

TamPur 170 LV (ECO Range) is tested according to EN1504-5 in compliance with CE-marking.

## KEY BENEFITS



- › Phthalate free, environmentally safe, non-toxic
- › Extra-low viscosity
- › QCS compliant (wet crack injection)
- › Contact with water speeds up reaction
- › For use with either 1- or 2- component injection pumps
- › Forms an impermeable elastomeric seal
- › Can withstand very high pressure
- › Can be cut or drilled out
- › Slightly expansive and resilient
- › Flexible

## TYPICAL APPLICATIONS

- › Elastic filling of cracks, cavities and defects
- › Sealing and waterproofing cracks
- › Sealing pipe ducts
- › Sealing cable entries
- › Sealing dry cracks prone to periodical water ingress
- › Permanent primary injection or second pass injection
- › For use with pre-fabricated injection tube

## TECHNICAL DATA

TamPur 170 LV (ECO Range): Part A	
Appearance	Colourless / Yellowish Liquid
Density (DIN EN ISO 2811)	0.96 kg/ltr
Viscosity (DIN EN ISO 3219)	185 – 285 mPa·s
TamPur 170 LV (ECO Range): Part B	
Appearance	Brownish Liquid
Density (DIN EN ISO 2811)	1.13 kg/ltr
Viscosity (DIN EN ISO 3219)	60 - 90 mPa·s
TamPur 170 LV (ECO Range) A:B at 1:1 ratio by volume	
Appearance	Brown liquid
Density (DIN EN ISO 2811)	1.06 kg/ltr
Viscosity (DIN EN ISO 3219)	80 - 140 mPa·s
Foam Factor	1.1 – 1.5
Pot life (in minutes) at 20°C (depending on humidity)	30 – 45 min

## APPLICATION GUIDELINES

TamPur 170 LV (ECO Range) is designed for use in the sealing of cracks in concrete or masonry structures and for injection into Injection tubes.

TamPur 170 LV (ECO Range) can, with care, be injected using an appropriate single component pump. Mix the individual components Part A and Part B separately using a slow speed dry clean drill and paddle mixer for approx. 30 seconds. Mix thoroughly equal parts of Part A and Part B in a large dry mixing container (plastic preferred), until a homogenous mixture is obtained (at least 3 minutes). Avoid air entrapment during mixing. Longer mixing times may be required in cooler weather. Allow a maximum of 10 minutes to inject the resin if using this method. If you need any further information about pumps and accessories, please contact your local Normet representative.

The pump must be thoroughly cleaned with TamPur EcoClean before the material starts to set and after each use.

On larger contracts, it is advisable to use a twin piston pump and mix the two parts together at the point of injection (1:1 mix ratio by volume).



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.

# TamPur 170 LV (ECO Range)



CONSTRUCTION CHEMICALS

TECHNICAL DATA SHEET

Two-Component Flexible Polyurethane Grout

## 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 application 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.

## PACKAGING

TamPur 170 LV (ECO Range) is supplied in IBCs, drums, and bulk. Packaging size may vary subject to local regulations and requirements, please contact your local Normet representative for more details.

## STORAGE

TamPur 170 LV (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 170 LV (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.