

# TamAcryl 3000 (ECO Range)

Acrylic Injection Gel

## DESCRIPTION



TamAcryl 3000 is part of our new ECO range and is an ultralow viscosity, hydrophilic acrylic injection resin formulated to produce a highly resilient, polymer extended flexible gel gasket with high performance suitable for expansion joints. TamAcryl 3000 (ECO Range) ultralow viscosity enables excellent penetration capability into the finest cracks and joints. TamAcryl 3000 (ECO Range) also commonly used as permanent primary injection, for second pass injection to tighten up and for injection tubes. TamAcryl 3000 (ECO Range) is water based and environmentally friendly.

TamAcryl 3000 (ECO Range) is tested according to EN1504-5 in compliance with CE-marking.

## KEY BENEFITS



- > Ultra-low viscosity
- > Reversible swelling
- > Polymer reinforced
- > Good chemical resistance
- > Reacts even in the presence of mineral and saline conditions
- > Incorporates anti-corrosion agents

## TYPICAL APPLICATIONS

- > Leak sealing
- > Injection tubes
- > Construction and cold joints
- > Reinforced acrylate with high performance suitable for expansion joints
- > Primary permanent injection or secondary injection to tighten up
- > Soil stabilisation

## TECHNICAL DATA

Technical Data	Part A	Part B	Part C	Acc	Mixed
Viscosity (mPa-s) EN ISO 3219	30 - 60	10 - 20	1 - 2	10 - 20	15 - 25
Non-Volatile Matter (%) EN ISO 3251	40 - 45	23-27	6	42-45	> 25%
Density (g/ml) EN ISO 2811	1.20	1.05	1.06	1.10	1.13
Volume and Weight Change BS EN 14498	Regime A 336 Hours		Volume +48%		Weight +49%
	Regime B 10 cycles		+39%		+39%
Water Tightness BS EN 14068	Water Tight at 2 Bar Water Tight after 500 cycles				

## Reaction Times

The reaction time can be varied to suit prevailing conditions. To ascertain accelerator dosage required:

- > Use two clean disposable containers.
- > E.g. plastic cups used in vending machines.
- > Dissolve Part C into Part B. Pour an equal amount of Part A and Part B & C into separate containers.
- > Each container should be able to hold the contents of the other.
- > Add between 2% and 8% accelerator to the Part A and mix.
- > Pour one container into the other.
- > Keep pouring the contents between two cups until the material gels.
- > For an initial guide, please see the below table or ask your Normet representative.

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 TamAcryl 3000

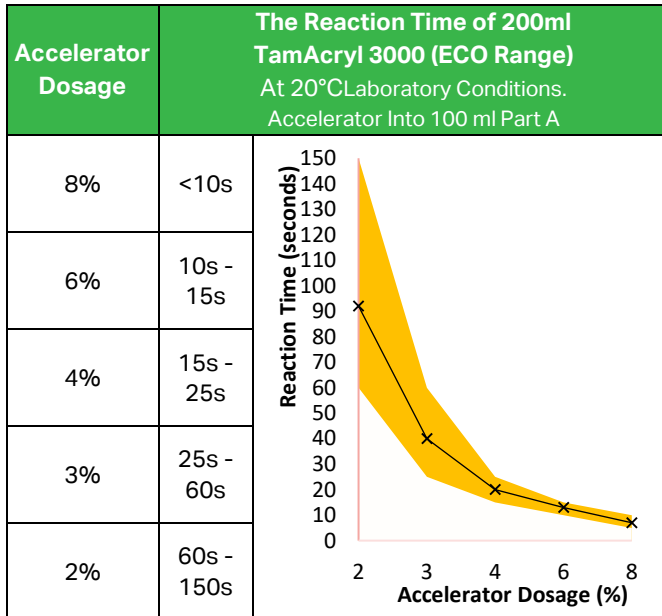
# TamAcryl 3000 (ECO Range)

**normet**

CONSTRUCTION CHEMICALS

TECHNICAL DATA SHEET

Acrylic Injection Gel



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

## APPLICATION GUIDELINES

TamAcryl 3000 (ECO Range) is injected at a ratio of 1:1 Part A: Part B by volume. Ideally using an appropriate stainless steel, twin piston pump, with an additional flush unit or if extremely careful a single component pump could be used. If you need any further information about pumps and accessories, please contact your local Normet representative.

Cleaning involves using water to remove the resin from the pump components before it sets.

Note:

- > It is recommended that the material be conditioned to appropriate temperatures for at least 12 hours prior to application.
- > Once the accelerator is added to the Part A it should be used within 24 hours.

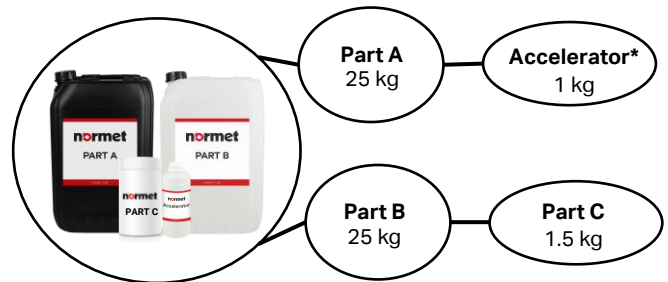
## YIELD

1 kg = 0.92 litres

## PACKAGING

TamAcryl 3000 (ECO Range) is available in two standard grades:

The 50 kg Pack (51.5 kg including Accelerator) contains



The Part C is dissolved into the Part B on site before use.

All packaging options require TamAcryl Accelerator, other pack size options may be available from your local Normet representative.

## STORAGE

TamAcryl 3000 (ECO Range) should be stored at room temperature (min 4°C and max 30°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

TamAcryl 3000 (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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