

Latex Reinforced Acrylic Injection Gel

DESCRIPTION



TamAcryl 3000 is a high solids acrylate with blended copolymers. TamAcryl 3000 is a water based system reinforced with a latex modified catalyst and accelerator that allows for variable open times at application.

TamAcryl 3000 forms a flexible and waterproof gel that is ideal for leak sealing injection.

KEY BENEFITS

- > Ultra-low viscosity
- > Highly resilient
- > Flexible
- > Can react in the presence of mineral and saline conditions

TYPICAL APPLICATIONS

- > Leak sealing into concrete defects and concrete joints
- > Movement joints
- > Injection tubing
- > Curtain grouting
- > Secondary injection following on from polyurethane injections

TECHNICAL DATA

	Part A Resin	Part B Latex	Part C Catalyst	Accelerator
Density En ISO 2811	1.22 ± 3 g/ml	1.03 ± 3 g/ml	2.5 ± 2 g/ml	1.07 ± 3 g/ml
Non volatile matter EN ISO 3251	40 - 45%	24%	100%	42 - 43%
Viscosity EN ISO 3219 @ 27°C	20 - 50 mPa·s	25 - 75 mPa·s	N/A	5 - 20 mPa·s
Flash point	> 180°C	> 180°C	> 150°C	> 150°C
Mixed Material				
Density En ISO 2811				1.09 ± 3 g/ml
Viscosity EN ISO 3219 @ 20°C				20 - 40 mPa·s
Non volatile matter EN ISO 3251				> 30%
Flash point				> 150°C

Reaction times for a 200 g sample

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

- > Use 2 clean disposable containers
E.g. plastic cups used in vending machines
- > Pour an equal amount of Part A and Part B into separate containers
Each container should be able to hold the contents of the other.
- > Using the table as a guide, add the accelerator to the Part A and mix.
- > Pour one container into the other repeatedly until the material gels.
- > Use this as a guide to judge accelerator dosage.

	Added to 100 g Resin	20°C	30°C
2% accelerator	2 g	60 - 75 secs	30 - 45 secs
3% accelerator	3 g	30 - 45 secs	20 - 40 secs
4% accelerator	4 g	20 - 40 secs	15 - 20 secs
6% accelerator	6 g	15 - 20 secs	10 - 15 secs
8% accelerator	8 g	10 - 15 secs	

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.

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APPLICATION GUIDELINES

Injection

TamAcryl 3000 is injected at a ratio of 1:1 Part A: Part B by volume. TamAcryl 3000 is advised to be used with a Twin Piston Pump such as Normet's TP2 Pump or TP4 SS Pump.

Accelerator

Once the accelerator is added to the Part A it should be used within 24 hours.

Cleaning

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

YIELD

1 kg = 0.95 litres

PACKAGING

The standard pack size is a 50 kg pack to which both accelerator and catalyst are added. Contains 25 kg Part A, 25 kg Part B, Initiator and Accelerator

Other packaging options may be available from your local Normet representative.

STORAGE

TamAcryl 3000 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 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.