

TamAcryl 3000 Slow Set

Acrylic Injection Gel

DESCRIPTION



TamAcryl 3000SS is a blend of acrylic polymers used in conjunction with an accelerator and catalyst system. Upon mixing of the components, a chemical reaction occurs and a waterproof gel is formed.

KEY BENEFITS

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

TYPICAL APPLICATIONS

- > Leak sealing
- > Injection tubes
- > Soil stabilisation
- > Tightening up

TECHNICAL DATA

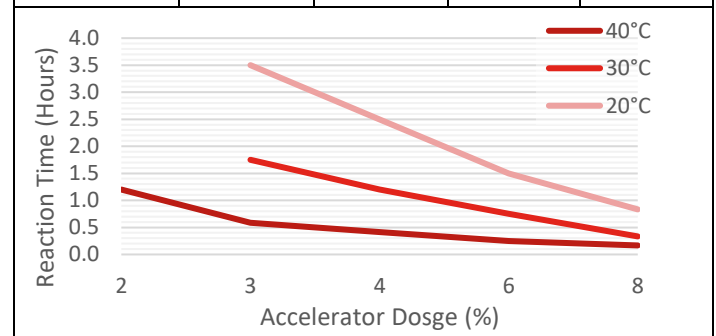
Technical Data	Part A	Part B	Part C	Mixed
Viscosity (mPa·s) EN ISO 3219	30 - 60	10 - 20	1 - 2	15 - 25
Non Volatile Matter (%) EN ISO 3251	40 - 45	22-28	1	> 25%
Density (g/ml) EN ISO 2811	1.10	1.05	1.06	1.09

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 slowly pouring the contents between two cups until the material gels.
- > For longer gel times the material can be left static and a colour change is observable at the end of the reaction.
- > For an initial guide, please see the below table.

Accelerator Dosage	Reaction Time of 200ml TamAcryl 3000SS Laboratory Conditions. Accelerator Into 100ml Part A			
	20°C	25°C	30°C	40°C
8%	30 min - 1 hour	30 min - 60 min	15 min - 30 min	5 min - 15 min
6%	1 hours - 2 hours	60 min - 90 min	20min- 50min	10 min - 20 min
4%	2 hours - 3 hours	90 min - 120 min	50min- 90min	20 min - 30 min
3%	3 hours- 4 hours	2 hours - 2.5 hours	90min- 120min	30 min - 40 min
2%	N/A	N/A	N/A	1 hour- 2 hours
1%	N/A	N/A	N/A	2 hours- 3 hours



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

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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normet

CONSTRUCTION CHEMICALS

TECHNICAL DATA SHEET

Acrylic Injection Gel

APPLICATION GUIDELINES

TamAcryl 3000SS is injected at a ratio of 1:1 Part A: Part B by volume. Ideally using a Twin Piston Pump such as TP2 / TP4 pump or if extremely careful a single component pump.

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

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

YIELD

1 kg = 0.92 litres

PACKAGING

TamAcryl 3000SS is available in a standard packaging option:

The 20.1 kg Pack contains

- > 10kg Part A
- > 10kg Part B
- > 0.1kg Part C

Part C is dissolved into Part B before use.

All packaging options require TamAcryl Accelerator, and more pack size options may be available from your local Normet Representative.

STORAGE

TamAcryl 3000SS 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

TamAcryl 3000SS 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.