

▶ Description

TamPur 115 is a two-component organic-material injection product intended for the consolidation of rock, brick or soil.

The product is applied using a pump unit and an injection gun. The mixing of the two agents, a resin and a catalyst, in a 1:1 volume ratio, sets off the reaction of the product.

Injecting into the matrix, the low viscosity mixture penetrates the smallest fissures, hardens and ensures the consolidation of the treated area.

TamPur 115 is insensitive to water and the nature of the soils and the environment.



▶ Key Benefits

- Low viscosity
- Non expandable
- Excellent mechanical resistance
- Good adhesive power
- Insoluble in water

▶ Typical Applications

- Consolidation of fractured rock
- Grouting of gravel
- River bed stabilization
- Brick work and stone grouting

▶ Technical Data

Base Components	Resin	Catalyst
Density	1.4	1.2
pH	11	7.5
Flash point (°C)	> 180	> 200
Self-ignition (°C)	N/A	> 400
Mix ratio by volume	1	1

TamPur 115	
Application Temperature (°C)	10 - 35
Reaction Time (minutes)	25 - 30
Compressive Strength Standard T51-101	50N/mm <sup>2</sup>
Resistance to Deflection Standard T51-001	18N/mm <sup>2</sup>
Resistance to Traction Standard T51-034	3.5N/mm <sup>2</sup>
Bond Strength	2N/mm <sup>2</sup>

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

▶ Application Guidelines

Pre-determine the required gel time of TamPur 115.

Results based on ambient temperature of 21°C.

Accelerator Volume	10%	15%	20%
Gel time achieved	55min	25min	4 - 5min

Add the required dosage of catalyst to the TamPur 115 whilst agitating and ensure it is well mixed prior to commencement of injection.

Avoid over mixing (2 minutes is sufficient). Pump the TamPur 115 uniformly through an injection packer using any kind of grout pump, such as a mono type, diaphragm type or piston type.

# TamPur 115

Silicate Modified Polyurethane



Note: A series of Tam Grout Packers are available for selection. Contact your local TAM International representative for technical installation advice.

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▶ Related Products & Equipment

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TamPur Cleaner  
TamPur Ecoclean  
Tam Injection probes  
Tam injection packers  
Tam hand pumps and air driven pumps

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▶ Yield

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1kg = 0.77 litres

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▶ Storage

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TamPur 115 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 1 year can be expected.

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▶ Health & Safety

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TamPur 115 should only be used as directed. We always recommend that the Health & Safety data sheet is carefully read prior to application of the material. Our recommendations for protective equipment should be strictly adhered to for your personal protection. The Health & Safety data sheet is available upon request from your local TAM International representative.

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[www.taminternational.com](http://www.taminternational.com)