

▶ Description



TamPur 130 / TamKat 131 is a single-shot hydrophobic polyurethane based on MDI in combination with polyether polyols and an amine based catalyst. The system only reacts when it comes into contact with water, producing a semi-flexible polyurethane foam.

▶ Key Benefits

- Potable water certified
- Can withstand high hydrostatic pressures
- Variable reaction times
- Semi-flexible
- Reacts with saline and mineral water
- Medium viscosity
- Solvent free, environmentally safe.

▶ Typical Applications

- Sealing against water ingress
- Sealing against leaking cracks and joints
- Sealing against water in masonry and brickwork
- Void filling
- Back grouting

▶ Technical Data

TamPur 130	
Appearance	Brown liquid
Viscosity at 25°C Brookfield DV 11 spindle no. 2 at 60 rpm	350 - 450cps
Flash point	> 180°C
Density at 25°C	1.16
TamKat 131	
Appearance	Clear liquid
Viscosity at 25°C Brookfield DV 11 spindle no. 2 at 60 rpm	30 - 40cps
Flash point	> 130°C
Density at 25°C	1.03

Testing TamPur 130 – All tests carried out using the following mix ratio.

TamPur 130: 100 parts by weight  
 TamKat 131: As a percentage of TamPur 130 by weight, as stated in the results.  
 Water: In all tests, 10 parts by weight.

Cream Time				
TamKat	1%	2%	5%	10%
15°C	33sec	33sec	30sec	26sec
25°C	30sec	30sec	26sec	24sec
Rise Time				
TamKat	1%	2%	5%	10%
15°C	12min; 50sec	11m; 5sec	6m; 20sec	3m; 10sec
25°C	12m;10s ec	10m:10s ec	4m:30s ec	3m
Foaming Ratio				
TamKat	1%	2%	5%	10%
15°C	> 4X	> 9X	> 14X	> 20X
25°C	> 6X	> 15X	> 20X	> 30X

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

# TamPur 130

Semi-Flexible Polyurethane Grout



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▶ Application Guidelines

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TamPur 130 / TamKat 131 is a complete system for void filling and leak sealing in concrete or masonry structures and sandy soils.

Adaptable reaction time is possible by varying the catalyst ratio from between 2% to 10%.

Reaction with water results in the formation of a semi-flexible polyurethane foam which is hydrophobic and chemically resistant. The reaction time can be set from 3 to 14 minutes. (See table of reaction times overleaf.) The pre-mixed resin can be pumped by means of a single component injection pump that is equipped for high pressure. Following the injection, the pump must be thoroughly cleaned with TamPur Cleaner.

Note: Always make sure that the material is homogeneous, mix the resin using a dry clean drill and paddle mixer for a minimum of 15 sec before application.

It is recommended that the material be conditioned to appropriate temperatures for at least 12 hours prior to application.

**Important:** Keep containers sealed whilst not being used. Moisture may be absorbed into the TamPur from the atmosphere causing it to react. Careful consideration should be given to applications below 10°C on a falling thermometer to avoid possible crystallization.

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▶ Storage

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TamPur 130 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 130 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)