



Technical data sheet

Tangit M3000 Expansion Resin

I. Material

Product name:

Tangit M3000
Expansion Resin

Material type:

2-component expansion resin,
free of popellant.

Intended use:

Installation of

- house lead-ins for gas and water
- drain transitions
- cable transitions

Package size:

2-component cartridge with 150 mls
2 component cartridge with 300 mls

Shipping cartons:

TE 150 = 10 cartridges of 150 ml
+ 10 static mixers
+ 10 extension tubes
+ 2 pistons
+ 1 technical data sheet

TE 300 = 6 cartridges of 300 ml
+ 6 static mixers
+ 6 extension tubes
+ 1 technical data sheet

II. Characteristic Features

- High tensile resistance (tensile strength: 30 KN)
- Gas tight (tested at 1 bar)
- High torsion resistance (tested at a torque of 240 Nms)
- High thermal stability (30 min at 650°C, test pressure: 0.1 bar in air)
- Waterproof in connection with Tangit M4082 Sealing Hose (tested at a pressure of 1 bar)
- Non-shrinking
- Non-ageing
- Resistant to rotting
- Non-biodegradable
- Resistant to oil, water and solvents
- Compatible with all common building materials and plastics (e.g. PS-foam/Styrofoam)
- Hardens in 5 min. Final strength is reached after 30 mins (at 20°C).

III. Technical instructions for use

Preparation of the surfaces:

The surface must be firm, clean and free of any parting agents.

Processing:

Minimum processing temperature: +5°C

Maximum processing temperature: +30°C

Optimum processing temperature: +15°C to +25°C (Product, ambient, workpiece/ surface temperature).

When processing product at low ambient temperatures (0 to 10°C) heat product to room temperature before use if possible. Otherwise allow for a significantly longer

curing time. Do not apply to dead water. Humid brickwork will not affect the product's performance. Insert the service pipe using a rubber center-ring. The holes must point upwards.

Remove the protection cap from the cartridge.

Remove the cap from the cartridge and screw on the mixing nozzle. Insert the cartridge into the cartridge pistol.

Squeeze a few cubic centimeters (5 to 15) onto a piece of paper or plastic until the emerging product has a uniform color. Insert mixing tubes into the holes of the rubber

ring immediately, and evenly inject the contents of the cartridge. The openings on both sides of the clearance can also be sealed off with a toroidal PE sealing ring.

If the contents are not used completely, close the cartridge.

The remaining content can be used later with a new static mixer.

For permanently pressing water use Tangit M4082 Sealing Hose in addition (see appendix).

V. Special instructions

Storage:

Store in an upright position, in a cool, dry place above 5°C.

Shelf life:

The shelf life at 20°C is at least 12 months from the date of packaging. Date of filling is displayed on the cartridge.

Cleaning of skin:

In case of skin contact mechanically remove resin from the skin and wash with soap and water. Hardened product can only be removed mechanically from the skin. Cream skin afterwards.

In the drawing up of this technical data sheet the present state of technology has been considered in accordance with our experience.



Please note: The above information can only be of a general nature. Because of the various modes of processing and use being beyond our control and of the large variety of materials we recommend that sufficient tests always be carried out. No liability for particular results of application based on the information and instructions given in this leaflet can therefore be given. Warranty applies exclusively to the consistently high quality of our products in connection with our sales conditions.

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For fastening and permanently sealing transitions against humidity and pressing water

