

Product Information:

PU Concrete Well Assembly Foam 597

For mounting of concrete well manhole rings

General description and application:

PU Concrete Well Assembly Foam 597 is a 1-component polyurethane foam ready for use. Suitable for bonding / mounting of well rings.

PU Concrete Well Assembly Foam 597 bonds and insulates excellent. Bonds to most building materials such as old and new concrete (even if it is wet), brick, masonry, plaster and wood. Do not bonds to polyethylene, teflon, silicone and similar repelling materials.

It should be noted that PU-foam is not resistant to sunlight (UV-light) and should always be protected / painted.

Does not contain CFC, HFC or HCFC propellants.



Physical & chemical properties:

Uncured foam:

Type: 1-component polyurethane foam
 Shelf life: 12 months in unopened packing, if stored cool.
 The cans must always be stored in upright position.

Packaging:

Item no.	Colour	Size
7616	Yellow-brown	750 ml can

Cured foam:

Paintable: Yes
 Thermal conductivity: 0,04 W/m°C (DIN 52612)
 Fire rating: B3 (DIN 4102)
 Temperature: Resistant to temperatures from -40 °C to 90 °C.
 Sunlight (UV): Must be protected from sunlight.



Directions for use:

- Preparation:** *The surfaces must be free of oil, grease, dirt, dust etc. Always make sure that the surfaces are humid before application of the foam, as it only cures in the presence of moisture.*
- Application:** *Wear suitable gloves and eye/face protection.
Remove the cap and fit the valve grip with the mounted plastic tube. The can must always be used up-side-down (the valve grip downwards).

Shake the can 20 times before use.

The joint should only be filled approx. 30 %, as the foam expands immediately after discharge.

In case the entire content is not used at one time, the plastic tube can be left on for a shorter period. Before the next application a couple of centimetres are cut off the plastic tube. If the can is unused for a longer period, the plastic tube should be dismantled, and the valve cleaned with PU Cleaner 599. However, we can not guarantee that the can can be used later, as air humidity can cause the foam to cure inside the valve.*
- Application temperature:** *5 °C to 35 °C. Ideal temperature is 20 °C.*
- Yield:** *The content of the can yields up to 37 litres (free expansion) or 35 – 45 meters joint (20 x 30 mm).*
- Curing:** *PU Concrete Well Assembly Foam 597 is tack-free after approx. 25 minutes, and can be cut after approx. 20 minutes, at 20 °C and 60 % RH.*
- Treatment:** *The foam must be protected against sunlight. PU Concrete Well Assembly Foam 597 can be painted with most paints and lacquers.*
- Cleaning:** *Uncured foam can be removed with acetone.
Cured foam can only be removed mechanically or with PU Remover 912.*

Health and Safety:

For further information on safety, refer to product safety data sheet.

The information and data contained in this Product Information sheet are based on extensive laboratory testing and our practical experiences and are meant for helping the user to find optimum working methods. As the conditions at the user are beyond our control, we make no warranties concerning the results, achieved by the products. The information's in this Product Information sheet are typical values, intended as a guideline. They should not be regarded as product specifications. Please also refer to our standard sales conditions and terms of delivery.

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