

**Product Information:**

# PU Concrete Well Assembly Foam 597

**For mounting of concrete well manhole rings****General description and application:**

PU Concrete Well Foam 597 is a 1-component polyurethane foam ready for use, can be used at temperatures down to -10 °C.

PU Concrete Well Foam 597 is suitable for bonding/mounting of concrete well rings as well as for sealing, insulation and minor filling tasks.

PU Concrete Well 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 bond 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.

**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 -50 °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. 50 %, as the foam expands immediately after discharge.  
  
In case the entire content is not used at once, the plastic tube may remain in place for a shorter period. At the next use, cut a few centimeters of the pipe. If the can is to be stored for a longer period of time, the plastic tube must 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:** *Can be applied at surface and air temperatures from -10 °C to +30 °C. Ideal temperature is 20 °C.*
- Yield:** *The content of a 750 ml can provide up to 36 litres of foam (free expansion) under optimal conditions (FEICA TM 1003) or equivalent to 30 – 35 meters of joint (20 x 30 mm).  
  
The yield achieved will in practice vary according to the product's age, temperatures (materials, surroundings and foam), moisture (surfaces and surroundings) and dimensioning. The best result is achieved at 20 °C and min. 50% RH simultaneously with the addition of moisture from e.g. a water atomizer bottle along the way and directly on the materials.*
- Curing:** *PU Concrete Well Foam 597 is tack-free after 9 - 12 minutes and can be cut after approx. 45 minutes.*
- Treatment:** *The foam must be protected against sunlight. PU Concrete Well Foam 597 can be painted with most paints and lacquers.*
- Cleaning:** *Uncured foam can be removed with Pro Wipes 916 or acetone on a cloth.  
Cured foam can only be removed mechanically.*

## 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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