

Product Information:

Building Foam 580

Sealing foam with 0 % isocyanate, flexible and insulating**Product description & use:**

Building Foam 580 is a new type of foam, totally without isocyanate, and based on the newest technology, which gives unique abilities:

- ▶ 0 % isocyanate – does not require epoxy certificate
- ▶ Permanently more elastic than traditional foam for sealing
- ▶ Can be painted

Building Foam 580 has a high isolation ability, and bonds to most building materials.

Is used for tightness and isolation around window- and doorframes, pipe outlets, in cavities, between elements of walls and more.

The product is registered in the database for construction products that can be included in the Nordic Ecolabelled construction.

**Physical / chemical data:****Uncured foam:**

Type:

1-component isocyanate free STP-foam

Shelf life:

12 months in unopened packing, if stored cool.

See production date on the can. The cans must always be stored in upright position.

Packaging:

Item nr.	Colour	Size
7639	White	500 ml can

Cured foam:

Paintable:

Yes

Thermal conductivity:

$\lambda = 0,033 \text{ W/m}^\circ\text{C}$ (DIN 52612)

Density:

27 – 30 kg/m³

Temperature:

Can resist temperatures from -40 °C to +80 °C,

Short term (max. 1 hour) up till +120 °C.

Sunlight (UV): Should be protected towards 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. Building foam 580 bonds to most materials, except from polyethylene, silicone and similar smooth surfaces.*
- Application:** *Wear suitable gloves and eye/face protection. Remove the top and mount the valve grip with the already mounted hose. Be careful not to tighten the valve grip to hard, so that the valve isn't activated during mounting. Shake the can 15 – 20 times before use.*
- The can is used with valve facing down. The joint should only be filled approx. 30%, because the foam expands more during the curing. When used in bigger joints it is recommend to apply water to the foam surface.*
- Application temperature:** *Air and surface temperature 5 °C to 30 °C. Can temperature minimum +5 °C.*
- Yield:** *The content of the can yields up to 8-10 litres (free expansion)*
- Curing:** *Building foam 580 is tack-free after 50-70 minutes, at 20 °C and 60 % RH.*
- Treatment:** *The foam must be protected against sunlight. After curing Building foam 580 can be painted with most paints and lacquers.*
- Cleaning:** *Uncured foam can be removed with PU Cleaner 599 if done immediately. Cured foam can only be removed mechanically or with PU Remover 912.*

Health and safety:

For further information on safety, please refer to product safety datasheet.

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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