

Product Information:

NBS PU All Year Foam 583

Applicable down to -15 °C, for NBS-gun

General description & application:

NBS PU All Year Foam 583 is specially developed for precision work in joints, and can be applied down to -15 °C. The NBS-application secures a controlled expansion, making it easier to apply the correct volume.

NBS PU All Year Foam 583 bonds and insulate outstanding. The foam adheres to all common building materials (except for surfaces such as polyethylene, teflon, silicone and similar substrates).

It should be noted that PU-foam is not resistant to sunlight (UV-light) and therefore the foam has to be painted or covered.

Does not contain CFC or HCFC propellants.

**Physical / chemical properties:****Uncured foam:**

Type:

1-component polyurethane foam

Shelf life:

18 months in unopened packing, if stored cool.

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

| Item. | Colour | Size |
|-------|--------------|------------|
| 7635 | Yellow brown | 750 mL can |

Cured foam:

Paintable:

Yes

Thermal conductivity:

0,04 W/m°C

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.*
- Shake the NBS-gun with the can 10 - 15 times before use.*
- The spraying volume can be adjusted, using the controller on the NBS-gun. The joint should only be filled approx. 70%, because the foam expands more during the curing.*
- The foam can be kept on the NBS-gun all-day. Always dismantle an empty can. For longer breaks the NBS-gun should be cleaned with PU Cleaner 599.*
- Always empty the can completely before removing from the gun.*
- Application temperature:** *Air and surface temperature -15 °C to +35 °C. Can temperature minimum +5 °C.*
- Yield:** *The content of the can yields up to 35 litres (free expansion) or 37 – 47 meters joint (20 x 30 mm).*
- Curing:** *NBS PU All Year Foam 583 is tack-free after 10 minutes, and can be cut after 30-50 minutes, at 20 °C and 60 % RH.*
- Treatment:** *The foam must be protected against sunlight. After curing NBS PU All Year Foam 583 can be painted with most paints and lacquers.*
- Cleaning:** *The NBS-gun should be cleaned with PU Cleaner 599. It should be left inside the gun for approx. 1 – 2 minutes, before the gun is cleaned totally. 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, 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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