

Product Information:

NBS PU Precision Foam 593

All-round PU-foam - for NBS-pistol**General description and application:**

NBS PU Precision Foam 593 is a professional 1-component polyurethane foam for NBS-gun application. The foam bonds and insulates excellent. The NBS-application secures a controlled expansion, making it easier to apply the correct volume.

NBS PU Precision Foam 593 is suitable for filling joints when mounting windows and doors, insulation, filling of smaller cavities, between pre-fabricated elements etc. Bonds on most building materials except polyethylene, teflon, silicone and similar smooth surfaces. It should be noted that PU-foam is not resistant to sunlight (UV-light).

Does not contain CFC or HCFC gasses.



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

Type: 1-component polyurethane foam
 Shelf life: 18 months in unopened packing, if stored cool.
 The cans must always be stored in upright position.

Packaging:

Item no.	Colour	Size
7615	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.



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.

Apply only 70%, because the foam will expand further more.

The joint should only be filled partly, as the foam expands vigorously immediately after discharge.

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.

Always empty the can completely before removing from the gun.

Application temperature: *5 °C to 35 °C. Ideal temperature is 20 °C.*

Yield: *The content of the can yields up to 35 litres (free expansion) or 40 – 50 meter joint (20 x 30 mm).*

Curing: *NBS PU Precision Foam 593 is tack-free after approx. 10 minutes, and can be cut after approx. 40-80 minutes, at 20 °C and 60 % RH.*

Treatment: *The foam must be protected against sunlight. After curing NBS PU Precision Foam 593 can be painted with most paints and lacquers.*

Cleaning: *The NBS-gun should be cleaned with a special 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 f.ex. acetone. Cured foam can only be removed mechanically or with PU Remover 912).*

Safety:

Contains: *Diphenylmethane-4,4'-di-isocyanate. Observe manufacturers instructions.*

Hazard symbols: *Xn, Harmful*

F+, Extremely flammable

Risk & Safety phrases: *Irritating to eyes, respiratory system and skin. May cause sensitisation by inhalation and skin contact. Keep out of reach of children, Do not breathe spray. Wear suitable protective clothing and gloves. In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible). Use only in well ventilated areas. Dispose of this material and its container at hazardous or special waste collection point.*

Container is under pressure. Protect from sun and temperatures above 50 °C. Do not open with force or incinerate after use. Do not spray against an open flame or glowing hot objects. Keep away from sources of ignition – No smoking.

For further information concerning safety, refer to 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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