

Product Information:

2C Polyurethane Foam 596

Fast curing two-component assembly foam

General description and application

2C Polyurethane Foam 596 is a fast-curing two-component polyurethane assembly foam. The product meets the requirements of B2-rating in accordance with German fire test DIN 4102, part 1.

Used for professional assembly of doors and windows, where high strength and fast curing is required. Also suitable for walls, outlets of pipes, in boats and for insulation of containers, freezers etc.

Does not contain CFC or HCFC propellants.



Physical / chemical properties:

Uncured foam:

Type: 2-component polyurethane 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.

Item.	Colour	Size
7608	Green	400 ml can

Cured foam:

Paintable: Yes
 Thermal conductivity: 0,03 W/m°C
 Fire rating: B2 (DIN 4102, part 1)
 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. Incorrect expansion may occur if the surfaces are too wet.*
- Application:** *The foam is difficult to remove after application. Make sure to wear suitable gloves and eye/face protection, working clothes and cover the surrounding area. Users are advised to start spraying into an empty box for testing.*
- Application temperature:** *Approx. 10 °C to 25 °C. Ideal temperature is 20 °C.
Do not activate the can, when the can temperature exceeds +25 °C.*
- Preparation of the can:** *Instructions for use: Mount the foam pipe to the top vent. The activation disk in bottom is turned six times clockwise until the resistance in turning is gone. In order to mix the two components, the can is shaken at least 20 times with bottom up. The product must be used within 5 minutes after activation, otherwise the product is cured within the can. Be aware that the product after application must be homogeneously green, otherwise shake again.*
- Yield:** *The content of the can yields up to 10 litres (free expansion) or 10 – 15 meters joint (20 x 30 mm).*
- Curing:** *2C Polyurethane Foam 596 is tack-free after 5-10 minutes, and may be cut after approx. 10-15 minutes, at 23 °C and 50 % RH.*
- Treatment:** *The foam must be protected against sunlight. After curing 2C Polyurethane Foam 596 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, 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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