

**Product Information:**

# 2C Polyurethane Foam 596

**Fast curing 2-component assembly foam****General description and application**

2C Polyurethane Foam 596 is a fast-curing 2-component assembly foam, with several unique properties.

- ▶ Fast curing
- ▶ High mechanical strength and stability
- ▶ Filling of cavities and penetrations
- ▶ High thermal and acoustic insulation value

Used for professional installation of window and door frames, where strength, speed and minimal use of fasteners are required.

Also suitable for filling wall penetrations, pipe penetrations, closed cavities in e.g. boats, as well as for insulation in connection with refrigerated containers, deep freezers, district heating pipes, etc

**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  
 Density: approx. 35 kg/m<sup>3</sup>  
 Tensile strength/elongation: >290 kPa / 18% - (EN 17333-4, dry surfaces)  
 Compression strength: >115 kPa - (EN 17333-4, dry surfaces)  
 Shear strength: >125 kPa - (EN 17333-4, dry surfaces)  
 Thermal conductivity: 0,026 W/m °C – (EN 17333-5)  
 Sound reduction index R<sub>st,w</sub>: 60 dB – (EN ISO 10140)  
 Fire rating: B2 - (DIN 4102, part 1)  
 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. 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:	10 °C to 25 °C. Ideal temperature is 20 °C. <b>Do not activate the can, when the can temperature exceeds +25 °C.</b>
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 30 times with bottom up.
Limitations:	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 evenly colored green, otherwise shake again.
Yield:	The content of a 400 ml can provide up to 13 litres of foam (free expansion) under optimal conditions (FEICA TM 1003) or equivalent to approx. 10 meters of joint (20 x 30 mm).
Curing:	2C Polyurethane Foam 596 is tack-free after 8 - 10 minutes, and may be cut after approx. 15 minutes, at 23 °C and 50 % RH.
Curing time:	approx. 2 hours
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 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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