



1K Spray Gun Foam

1-component, moisture-hardening PU foam for window and door assembly



Availability	
Quantity per pallet	468
Size / Quantity	12 x 750 ml
Container code	12
Art. no.	
1542	■

Application rate

Dependent on application
 Yield: 750 ml: approx. 35 l/can (free-foamed)
 Apply to a large enough trial area to determine the precise amount required.



Range of use

- Assembly of door and window frames
- Filling and waterproofing cavities and joints
- Bonding insulation material, masonry, wood, sheet metal and various plastics
- Injection of small defective areas between iQ-Therm panels



Property profile

- Specially designed for application with guns
- High foam yield
- Excellent isolation, sound and heat insulation
- Rot-proof
- Resistant to soft rot
- Resistant to water, oil, petrol, alkalis and various solvents

Characteristic data of the product

■ On delivery	
Colour	Beige
Expansion	Low
■ Once fully cured	
Density (20 °C)	Approx. 22 kg/m ³
Tensile strength	Approx. 7 N/cm ²
Temperature resistance	Approx. -40 °C to +90 °C
Thermal conductivity λ	0.035 W/(m•k)
Reaction to fire (DIN 4102)	B2

The values stated represent typical characteristic data of the product and are not to be understood as binding product specifications.

Certificates

- **Allg. bauaufs. Prüfzeugnis (B2 - DIN 4102)**
- **Prüfbericht Fugenschalldämmung**
- **Prüfbericht Wärmeleitfähigkeit**

Preparation

- **Substrate requirements**
 The substrate must be free from dirt, dust, loose parts, oil and grease deposits.
- **Substrate preparation**
 Thoroughly moisten the substrate.
 Shake the can vigorously before each use.
 Position NBS gun.



Directions



■ **Conditions for use**

Temperature of the material, air and substrate: from min. +5 °C to max. +35 °C.

Use the material according to the applicable regulations.

Tips on use

Do not use on fire doors.
Use a shut-off valve to seal the foam gun after use.

■ **Drying**

Tack-free: after 8 minutes (at +20°C)
Cutttable: after 40 minutes (at +20°C)
Load-bearing: after 12 hours (at +20°C)

Notes

Always set up a trial area/trial areas first.
Do not heat can to above +50 °C.
The applicable regulations and legal requirements must be observed.
The relevant test certificates must be observed when planning and carrying out work.

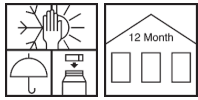
Tools / Cleaning

NBS gun
Hardened foam is insoluble.
Remove impurities immediately with foam cleaner.

Remmers tools

➤ **NBS-Pistole (4213)**

Storage / Shelf life



If stored unopened in its original life container in a cool, dry place and protected against frost, the product will keep for at least 12 months.

Safety data / Regulations

For further information on the safety aspects of transporting, storing and handling the product and on disposal and environmental matters, please see the current Safety Data Sheet.

Personal protective equipment

Use a type A respiratory filter (brown) during application.

Disposal

Larger quantities of leftover product should be disposed of in the original containers in accordance with the applicable regulations. Completely empty, clean containers should be recycled. Do not dispose of together with household waste. Do not allow to enter the sewage system. Do not empty into drains.

Please note that the data and information given above have been calculated as guidelines in the laboratory and from real-life experience and are therefore not binding as a basic principle.

This information is therefore of a general nature only and describes our products and how they are used and worked with. In this respect, it must be borne in mind that the varied and diverse nature of the

prevailing working conditions, materials used and construction sites encountered means that not every individual case can be covered. In this respect, we therefore recommend either conducting tests or liaising with us in the event of any doubt. Unless we have provided express written assurance of the products' specific suitability or characteristics in respect of a contractually stipulated intended use, any technical application-related advice or instruction will never

be binding, even though it is provided to the best of our knowledge. In all other respects, our general terms and conditions of sale and delivery shall apply.

When a new version of this Technical Data Sheet is published, it shall replace the previous version.