

PRODUCT DATA SHEET

Sika Boom® CN

1-part, highly expansive fixing-foam

PRODUCT DESCRIPTION

Sika Boom®-CN is a one part, highly expansive polyurethane fixing adapter foam.

USES

- Sika Boom®-CN is used for fixing, insulating and filling against sound, cold, draught and dust etc. For insulating and filling of construction joints around window and door frames, pipe entries, air conditioning systems, ductwork and roller blind housing, etc.

CHARACTERISTICS / ADVANTAGES

- High expansion rate
- Easy application (up side down)
- Excellent temperature insulation
- Effective sound dampening
- Aging resistant
- Highly adhesive : applicable to many kinds of substrates

PRODUCT DATA

FORM

COLOURS

Light yellow

PACKAGING

500 ml/750 ml per can in straw type (12 cans/box)

STORAGE

STORAGE CONDITIONS / SHELF-LIFE

12 months from date of production if stored properly in undamaged and unopened original sealed packaging in cool dry conditions. Protect from direct sunlight and frost.

The aerosol cans must be stored in a vertical position !

TECHNICAL DATA**CHEMICAL BASE**

Polyurethane

DENSITY

18 ± 5 kg/m³

SKINNING TIME

8-10 minutes (+23°C)

CUT ABLE TIME

(20 mm DIA) (minutes)

About 30 minutes (+23°C)

**OPTIMUM HANDLING /
PERMISSIBLE HANDLING/
TEMPERATURE**

+18°C to + 22°C / +5°C to +35°C

HEAT CONDUCTIVITY

(According to JC 936-2004)

Approx. 0.039 W/mk (35°C)

**MECHANICAL /
PHYSICAL PROPERTIES****TENSILE STRENGTH**

(According to JC 936-2004)

≥ 80 KPa (Aluminium board 7d)

≥ 80 KPa (PVC 7d)

≥ 60 KPa (Mortar 7d)

SHEAR STRENGTH

(According to JC 936-2004)

≥ 80 KPa

EXPANDING YIELD

(According to JC 936-2004)

37-50 litre (750 ml/can)

24-33 litre (500 ml/can)

(depends on environmental & substrate temperature and
humidity conditions)

VERTICAL STABILITY IN GAG

100 cm

**OPTIMUM/POSSIBLE
HANDLING TEMPERATURE**

+18°C to + 25°C / +5°C to +35°C

**TEMPERATURE RESISTANCE
OF CURED FOAM**
-30°C to +80°C

SYSTEM INFORMATION

APPLICATION DETAILS

SUBSTRATE PREPARATION

Substrates must be clean, dry and free of dust, oil and grease.

Pre-dampen the substrate with clean water, this ensures that the foam cures optimally and also prevents secondary foam expansion later on.

APPLICATION INSTRUCTIONS

APPLICATION METHOD / TOOLS

Screw nozzle on the can.

Shake the can thoroughly before use.

Foam must be applied valve up side down.

The quantity of foam dispensed can be regulated by varying the pressure on the adapter.

CLEANING OF TOOLS

Clean all tools and application equipment with acetone immediately after use. Hardened / cured material can only be removed mechanically.

NOTES ON APPLICATION / LIMITATIONS

Protect the can from direct sun and temperatures above +50°C (danger of explosion.)

For the correct curing of the foam sufficient moisture is necessary.

Wide range of application, not adhere to Teflon®, polyethylene or silicone.

Read safety and technical recommendations printed on the aerosol-can.

VALUE BASE	All technical data stated in this Product Data Sheet are based on laboratory tests. Actual measured data may vary due to circumstances beyond our control.
LOCAL RESTRICTIONS	Please note that as a result of specific local regulations the performance of this product may vary from country to country. Please consult the local Product Data Sheet for the exact description of the application fields.
HEALTH AND SAFETY INFORMATION	For information and advice on the safe handling, storage and disposal of chemical products, users shall refer to the most recent Material Safety Data Sheet containing physical, ecological, toxicological and other safety-related data.
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