



Never compromise on quality!

Published: September 2002

LN11

Fire Screen Silicone Sealant

Description

Fire resistant silicone for the protection of engineered movement joints in buildings.

LN11 maintains the integrity of fire walls when breached by conduits, pipes, etc. Sealing panels, door frames, partitions, cap beading of protective fire glazing.

Prevents the spread of flame, smoke, toxic gases and water. Halogen free to reduce the risks of toxic fumes and corrosion in the event of fire.

Uses

Bond It LN11 has high movement capabilities and excellent adhesion to all common building materials. LN11 also has a long life expectancy.

It is a neutral curing chemical system suitable for use on concrete, cement, all kinds of metals, timber, glass, ceramics and many plastics. All the benefits of a silicone rubber sealant, sealing, waterproofing, etc.

This product offers up to 4 hours fire protection when used in accordance with the designs specified in Fire Report J86313/1, ex Redhill Fire Research.

Tested to International standards in UK, US, Germany, France, Netherlands, Belgium and ISO.

Preparation

Ensure all surfaces are clean, dry and free from grease, oil or any other contaminants that may hinder adhesion. Prime porous surfaces and metals other than stainless steel or anodised aluminium for optimum adhesion.

Application

Apply using a standard sealant gun with the nozzle cut at an angle of 45°, and to an opening slightly larger than the joint to be sealed.

Use the appropriate backing material to set the depth of the seal. Gun in the sealant, taking care

to avoid entraining air or leaving gaps and ensure that there is complete contact between sealant and substrate, particularly in any crevices.

Tool down using a wetted spatula.

Container Size

310ml cartridge.

Colour

LN11 is available in white.

Storage Conditions

Store in cool, dry conditions.

Disposal of Containers

Do not leave empty containers where residue could be harmful to children, animals or the environment. Remove any containers to a central disposal point in accordance with local regulations.

Health & Safety

- ◆ Avoid eye contact.
- ◆ Avoid prolonged contact with skin.
- ◆ Thoroughly wash hands with soap and water after use.
- ◆ Keep out of reach of children.
- ◆ See separate material safety data sheet for full handling, use and storage.



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FIRE RATING:

Joint Width (mm)	Joint Depth (mm)	Back-up Material	BS476, Part 22	
			Type I	Type II
12	10	15mmPE	4	-
20	20	25mmPE	4	-
30	15	40mmPE	2	-
30	25	40mmPE	-	4
15	10	25mmSW	4	-
20	10	25mmSW	4	-
30	10	25mmSW	4	-
20	10	25mmCF	4	-
30	10	25mmCF	4	-
50	25	30mmMF	France CSTB 91.3222 6 hrs	

PE = Closed cell polyethylene backer rod, nominal density 35 kg/m³
 SW = Stone wool slab, nominal density 100 kg/m³
 CF = Ceramic fibre blanket, nominal density 128 kg/m³
 MF = Mineral fibre slab, nominal density 25 kg/m³

Type I Single Sided Seal
 Type II Double Sided Seal

BOND IT

Unit G16 River Bank Way, Lowfields Business Park, Elland, West Yorkshire HX5 9DN.
 Telephone: +44 (0)1422 315300 Fax +44 (0)1422 315310
 Email: sales@bond-it.co.uk Website: www.bond-it.co.uk



Specification Summary

Tooling Time	20 minutes
Full Cure	3mm per 24 hours
Flammability	Non flammable

SPECIFICATION COMPLIANCE - FIRE SCREEN SEALANT

LN11 conforms to the requirements of the following specifications:

- International : 4 hours tested to ISO 834
- UK : 4 hours tested to BS 476,Part 22
- The Netherlands : 4 hours tested to NEN 3884/NEN 6069
- Belgium : 4 hours tested to NBN 713.020
- France : 6 hours tested to CSTB 91.3222
- Germany : B1 tested to DIN 4102,Part 1 (PA-III 2.2622)
- USA : 2 hours tested to ASTM E 119

SPECIFICATION COMPLIANCE - BUILDING SEALANTS

LN11 is tested and conforms to European specifications for high performance building sealants.

- UK - BS 5889 Type A
- France - SNJF 1st category without primer on glass, aluminium, concrete
- Germany - DTU 39 for building and glazing.
- DIN 18545-F

Colour:	White
Code:	BDLN11WH
Size:	310ml

The data presented in this leaflet are in accordance with the present state of our knowledge, but do not absolve the user from carefully checking all supplies immediately on receipt. We reserve the right to alter product constants within the scope of technical progress or new developments. The recommendations made in this leaflet should be checked by preliminary trials because of conditions during processing over which we have no control, especially where other companies raw materials are also being used. The recommendations do not absolve the user from the obligation of investigating the possibility of infringement of third parties rights and, if necessary clarifying the position. Recommendations for use do not constitute a warranty, either express or implied, of the fitness or suitability of the products for a particular purpose.