



Never compromise on quality!



LN11

Fire Screen Silicone Sealant

Technical Data Sheet



PREMIERE SILICONE & SEALANT RANGE

CLASS
EN1366-3; EN1366-4

Description:

Fire resistant silicone for the protection of engineered movement joints in buildings. Conforms to EN1366-3 (penetration seals) and EN1366-4 (linear joint seals) with an integrity and insulation value in excess of 4 hours for certain joint geometries.

Uses

LN11 maintains the integrity of fire walls when breached by conduits, pipes, etc. Sealing panels, door frames, partitions, cap beading of protective fire glazing. Gives a flexible low modulus seal which withstand movements in excess of 25% throughout a wide range of temperatures.

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.

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.

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 or Bond It SEALANT APPLICATOR TOOL.



For applications where movement will occur, the correct geometry is essential to make sure that a fire break is maintained. **Full fire test report is available on request.**

Limitations

Not suitable for use on bitumen or asphalt surfaces. Over painting is not recommended.

Colours

LN11 is available in white only.

Container Size

310ml plastic cartridge.

Shelf Life

12 months from date of manufacture when stored in original unopened cartridges.

Storage Conditions

Store in cool, dry conditions at a temperature between +5 and +40°C.

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

Please refer to separate material safety data sheet for full handling, use and storage instructions. Keep out of reach of children. It is the users responsibility to determine suitability for use. If in doubt contact our Technical Department for advice.

Note: this information is for general guidance only, since site conditions and labour are beyond our control. It is recommended that users make their own tests to determine suitability.

Specification Summary

Specific Gravity	1.36 - 1.38g/cc
Tooling Time	10-15 minutes
Shore Hardness	22+/-5
Full Cure	3mm per 24 hours
Elastic Recovery Secant Modulus	0.4N/mm ²
Elongation To Break	250%
Skinning Time @ (23°C)	10-15 mins
Full Cure Time	2-3mm/24 hours
Movement Accomodation	25%
Application Temperature Range	+5°C to + 40°C
Service Temperature Range	-50°C to + 150°C

Product / Order Details:

Code	Colour	Size	Barcode
BDLN11WH	White	310ml	5060021360199



Part of the Bond It Premiere Silicone & Sealant Range



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 expressed or implied, of the fitness or suitability of the products for a particular purpose.



Certificate Number:
6152
ISO 9001; ISO 14001;
ISO 45001



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