

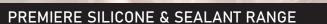
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Never compromise on quality!

# **LN11**

# Fire Screen Silicone Seglant

**Technical Data Sheet** 





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  $+40^{\circ}\text{C}$ .

# **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.

1.36 - 1.38g/cc
10-15 minutes
22+/-5
3mm per 24 hours
0.4N/mm²
250%
10-15 mins
2-3mm/24 hours
25%
+5°C to + 40°C
-50°C to + 150°C

# **Product / Order Details:**

Code	Colour	Size	Barcode
BDLN11WH	White	310ml	5060021360199











ISO 45001





Head Office: Unit G16 River Bank Way, Lowfields Business Park, Elland, West Yorkshire HX5 9DN.

Telephone: +44 (0)1422 315300 Fax +44 (0)1422 315310

Email: salesuk@bonditgroup.com Website: www.bonditgroup.com



products for a particular purpose.

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.