



Never compromise on quality!



LN7

Premium Low Modulus Neutral Cure Silicone

Description

LN7 is the most versatile sealant available. It gives off no solvents or corrosive vapours while setting and sets quickly under all conditions when exposed to air. LN7 is compatible with all metals and plastics and contains no components that can degrade insulating glass seals. Conforms to BS EN 15651-1,2:2012.

Uses

Bond It LN7 can be used in construction, engineering and electrical applications. It is used as a high extensibility sealant for external and internal applications, including expansion joints, and perimeters of frames. As a rubber adhesive for bonding most materials. As a potting compound to encapsulate electronic components to protect from moisture, tampering and shock. As a gasketing material and as a bedding compound for glazing double glazed units into timber frames.

LN7 is inherently resistant to fungal attack. Accelerated aging tests indicate a life expectancy of in excess of thirty years.

It is ideal for use on:

- ◆ glass
- ◆ ceramics
- ◆ all metals
- ◆ concrete
- ◆ sealed timber
- ◆ brick
- ◆ plastics, including PVCu
- ◆ polycarbonate
- ◆ all painted surfaces

Preparation

Ensure all surfaces are clean, dry and free from grease, oil or any other contaminants that may hinder adhesion. On porous surfaces priming may be necessary.

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.

Best tooling is achieved if a minute or two is allowed after application before smoothing. Polyethylene foam backing rod pushed into construction joints before sealing gives a technically superior joint and minimises sealant consumption. For gaskets and potting applications ensure that the sealant has some contact with the air as total encapsulation of the sealant will prevent curing.

Once the silicone has been applied and tooled rain will not have any adverse effects on the sealant.

Limitations

Porous surfaces should be primed first. Do not use on surfaces where water can penetrate through porous materials to the bond interface without first carrying out remedial work.

Polished decorative stone such as granite, etc may absorb silicone oil from the sealant and undergo a change in surface gloss.

The safety backing on some mirrors is not suitable for adhesive fixing with silicone. If using mirrors with a safety backing ALWAYS carry out an adhesion test first.

Container Size

310ml cartridge.

Colour

LN7 is available in 4 colours, white, translucent, black and aluminium.

Storage Conditions

Protect from freezing. Store between 5-30°C in dry conditions. Shelf life: 12 months.

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.

Specification Summary

Tooling Time	5 -10 minutes
Skinning Time	15-25 minutes
Rate of Cure	3-4mm per day
Joint Movement Capability	25% by ISO methods
Application Temperature	+5°C to +30°C
Service Temperature	-40°C - +180°C continuous exposure, higher temperatures can be withstood for limited periods

	
BOND IT G16 River Bank Way, Lowfields Business Park, Elland, West Yorkshire. HX5 9DN	
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EN15651-1,2:2012 F EXT-INT G 25LM Facade sealant for exterior and interior use. Glazing silicone.	
Reaction to fire	E
Release of chemicals	None
Resistance to flow	≤ 3mm
Loss of volume	≤10%
Tensile properties after water immersion	NF
Durability	Pass

Container Sizes:

Colour:	Translucent	White	Black	Aluminium
Code:	BDLN7T	BDLN7WH	BDLN7BL	BDLN7AL
Size:	310ml	310ml	310ml	310ml
Barcode:	5060021360090	5060021360106	5060021363176	5060021363763

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.



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