



Never compromise on quality!

Published: June 2003

# 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.*

### 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.

### Container Size

310ml cartridge.

### Colour

LN7 is available in 5 colours, white, translucent, brown, grey and aluminium.

### Storage Conditions

Protect from freezing. Store between 5-15°C in 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.

## 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	-30°C - +60°C
Service Temperature	-50°C - +180°C continuous exposure, higher temperatures can be withstood for limited periods
	BS5889:A ISO11600 -F&G-25LM

### Container Sizes:

<b>Colour:</b>	Brown	Translucent	White	Grey	Aluminium
<b>Code:</b>	BDLN7BR	BDLN7T	BDLNTWH	BDLN7GR	BDLN7AL
<b>Size:</b>	310ml	310ml	310ml	310ml	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.*

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