



TECHNICAL DATA SHEET

RAPIDSEAL N40-2 LMN SILICONE SEALANT

1. PRODUCT DESCRIPTION:

N40-2 LMN is a ready-to-use, one-component, neutral curing sealant. It has excellent adhesion on porous and non-porous substrates. Colour stable and long lasting performance.

2. PROPERTIES:

- Fast cure
- Easy to work & tool
- Excellent adhesion on porous & non porous construction materials
- Good weathering resistance
- Good colour stability
- Low odour
- Contains fungicide
- Conforms to ISO11600 F125E

3. APPLICATIONS:

| | TRANSPARENT | COLOURS |
|--------------------------|---------------|---------------|
| Curing system | Oxime | Oxime |
| Specific weight approx. | approx. 0.96 | approx. 1.18 |
| Shore-A-Hardness approx. | 18 ±4 | 21 ±4 |
| Skimming time* | 10-18 minutes | 10-18 minutes |
| Curing time* | 1 mm per day | 1 mm per day |
| Movement Capability | 25% | 25% |
| Elongation at break | 400% | 400% |
| Elastic Recovery | >70% | >70% |
| Application temperature | +5°C to 45°C | +5°C to 45°C |
| Storage temperature | +5°C to 30°C | + 5°C to 30°C |
| Shelf life | 12 Months | 12 Months |

4. SURFACE PREPARATION:

The joints must be free from dust, oil, grease, and loose particles. Non-absorbing substrates such as glass, tiles and plastic must be cleaned. Absorbing substrates can be pre-treated with primer. Compatibility of cleaner and primer on the substrate must be checked prior to application by testing and validating. Do not use aggressive smoothing agents.

Joint design should be as follows:

Minimum width: 5mm. Movement capacity will be impaired if the depth of the joint is greater than the width. For maximum movement accommodation, it is recommended that:

The joint depth should be no less than 5mm - (joint depth should be 5mm for joints up to 10mm wide). For deep joints, reduce depth by using a suitable sized IFI joint backer rod. All joints should be designed so that the seal is placed in a position which does not retain water or form a water trap. Triangular fillets should be no less than 12mm across the face and should be finished with a flat or convex face.

5. LIMITATIONS:

- Do not use in conjunction with bitumen asphalt, neoprene and certain organic elastomers
- Do not use in the manufacture of Aquariums
- Do not use on substrates that bleed oil, solvents or plasticisers
- Non over-paintable
- Not suitable for bedding I. G Units
- Do not use on polycarbonate

6. APPLICATION:

N40-2 LMN is a general purpose neutral curing sealant which can be used in many construction and building joints. It can be used in sanitary applications in kitchens and bathrooms. The product is not recommended for aquarium construction and natural stone applications.

Cut the tip of the cartridge. Apply nozzle and cut cleanly at an angle of 45° with an opening slightly larger than the gap to be sealed. Apply using a standard sealant gun. Best results will be obtained by keeping an even pressure on the gun trigger and keeping the gun at a constant angle to the surface being sealed. Smooth down within 5 minutes of application using a wetted spatula, piece of wood or wetted finger.

7. PACKING:

Supplied in boxes of 25

8. AVAILABLE COLOURS:

N40-2 LMN is available in White, Clear/Translucent, Irish Oak and Black

9. STORAGE AND SHELF LIFE:

N40-2 LMN can be stored for 12 months in its original packing at 5°C -25°C in a cool, dry place. The storage temperature should not exceed 25°C for extended periods of time.

10. SAFETY:

Keep out of reach of children. Use in a well-ventilated area. Keep away from heat sources.

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