

Geocel® LMN

Description

Geocel LMN is a one part, neutral curing, low modulus silicone sealant that has been specifically developed for sealing a range of glazing substrates. It cures rapidly to give a flexible seal and requires no maintenance throughout its long service life.

Benefits

- New “Brilliant White” Colour.
- Conforms to BS5889 type A and ISO 11600 class 25LM.
- Excellent adhesion to both Porous and non porous substrates.
- Easy to Gun.
- Low dirt pick up.
- Suitable for bedding of single glass panes and double-glazed units.
- Neutral cure.
- One component, easy to apply and tool.
- Tack free in two hours.
- Flexible, high movement capability $\pm 50\%$.
- No slump.
- Colours available: White, Clear, Black, Bronze, Brown, Caramel, Rosewood
- Pack sizes: 310ml cartridges, 400ml sausages (White & Clear only)



APPLICATION

Ensure that the surfaces to be sealed are clean, dry, sound and free from frost. Clean all joints of release agents, water repellents, laitance, dust, dirt, old sealants and other contaminants, which could impair adhesion. Non porous surfaces should be cleaned and degreased by wiping with a suitable solvent, (eg. alcohol based solvent) using a clean lint free cloth. Porous surfaces should be mechanically cleaned.

JOINT DESIGN

The minimum recommended joint width is 6mm. For joints between 6-12mm, a seal depth of 6mm is required. For joints above 12mm wide, a width to depth ratio of 2:1 should be used, up to a maximum depth of 12mm. Where a fillet joint is required a minimum of 6mm sealant contact is required to each surface.

PRIMING

Geocel **LMN** exhibits good unprimed adhesion to most common construction substrates, however for specific advice on priming, please contact our Technical Services Department.

BACK UP MATERIALS

The use of closed cell polyethylene backer rod is recommended as a backing material, to provide back pressure and avoid three sided adhesion. Low tack polyethylene tape should be used in joints too shallow to allow the use of backer rod.

FINISHING

Tooling of the sealant should be carried out within five minutes of application to ensure optimum contact has been made between the sealant and the substrate, leaving a smooth and professional finish.

HEALTH AND SAFETY

Health and Safety data sheets available on request.

PACKAGING

Geocel **LMN** Silicone Sealant is available in 310ml cartridges packed in boxes of 12. Geocel **LMN** is also available in 400ml sausages packed in boxes of 15.

LIMITATIONS

Geocel **LMN** should not be used on surfaces that bleed oils, plasticisers or solvents. It should be ensured that the sealant is compatible with the substrates to which it is being applied. Geocel **LMN** is not recommended for structural glazing applications

TECHNICAL SERVICE

For further technical information, advice on suitability for specific applications, or detailed Health and Safety information, contact **Geocel® Technical Service.**

IMPORTANT NOTE The information contained herein is offered in good faith and is believed to be accurate. However, because conditions and methods of use of our products are beyond our control, this information should not be used in substitution for customer's tests to ensure that Geocel's products are safe, effective and fully satisfactory for the intended end use. Suggestions of use shall not be taken as inducements to infringe any patent.

Geocel's sole warranty is that the product will meet the Geocel sales specifications in effect at the time of shipment.

Your exclusive remedy for breach of such warranty is limited to refund of purchase price or replacement of any product shown to be other than as warranted.

Geocel specifically disclaims any other express or implied warranty of fitness for



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