

Code	Description	Size	Colour
20077	Gorilla NS Sealant	310ml	White

## 1. Description

Gorilla NS Sealant is a one component, non-drying polybutene rubber based mastic that does not harden but rather remains permanently soft and paste-like. Excellent resistance to water vapour transmission.

When used in Coolstore construction, Gorilla NS Sealant is designed as a bedding compound.

## 2. Characteristics

- Permanently Non-Skinning
- Good water resistance
- Low shrinkage
- Excellent adhesion
- It can be used on various surfaces which does not require permanent bonding and also for re-adhering purpose.
- ISO certified

## 3. Technical Data

<b>Appearance</b>	Non sagging paste
<b>Specific Gravity</b>	1.60 ± 0.05
<b>Slump</b>	2.5mm maximum
<b>Shrinkage</b>	5% maximum
<b>Service temperature:</b>	-40°C to 80°C

*\*This varies according to ambient conditions such as temperature, humidity, substrate etc*

## 4. Applications

- For the vapour sealing between Coolstore Insulated Panels and associated construction components

## 5. Packaging

Cartridge of 300ml,

## 6. Shelf Life

12 months in unopened packaging in a cool and dry storage place at temperatures between +5°C and +25°C.

## 7. Application Instructions

### Surfaces

Type: Plastics, metals, glass, masonry and timber. It can be also used in the installation of coolrooms and prefabricated construction.

State: Clean, dry, free of grease and loose particles.  
We recommend a preliminary compatibility test.

## Application

Method:	Apply the adhesive by means of a caulking gun with a bead size less than 1cm
Application Temperature:	+5°C to +35°C
Clean:	Before curing clean tools and materials with Toptec Express Cleaner or Gorilla Solvent Cleaner. Cured adhesive has to be removed mechanically.
Repair:	With Gorilla NS Sealant

## Limitations

- The mastic is for low movement joints less than 5%.
- If using in vertical joints the outside joint must be over sealed within 24 hours with our Toptec Cleanroom Silicone.
- Application of sufficient Gorilla NS Sealant to obtain seal is recommended.
- Do not overfill the joints as excess mastic may be pumped from the joint. This will impair on the over-sealing of the joint.
- In Coolroom/freezer Panel applications the panel joints must be over-sealed with Toptec Cleanroom Silicone or Toptec MS Sealant following the application of the Gorilla NS Sealant.
- The panel joints must be thoroughly cleaned with Toptec Express Cleaner or Gorilla Solvent Cleaner prior to the application of the Toptec Cleanroom Silicone or Toptec MS Sealant using clean multiple cloths throughout the contract to ensure the contamination is not transferred back onto the surface from cloths.
- Regular changing of cloths is recommended
- It should not be applied in exposed joints where dirt pick-up or hand contact
- Not for use in areas subject to considerable dynamic stress
- Not for use on mobile home or truck bodies

## 8. Health and Safety Recommendation

- Wear Gloves
- Apply the usual industrial hygiene
- Please refer to the MSDS for more detailed information.

### Remark

*The directives and data contained in this documentation is provided in good faith and accurately reflect Soudal's knowledge when its products are properly stored, handled and applied under normal conditions in accordance with Soudal's recommendations. In practice, the diversity of the materials, substrates, environments, site conditions, product storage, handling and application are such that no warranty can be given in respect to the merchantability or fit for purpose, of any product. All users must determine the product suitability for their purposes through testing. This technical data sheet and product properties may change without notice so users, suppliers and retailers of Soudal products should always check that the data sheets they have are the latest. To the maximum extent permitted by law, Soudal disclaims all warranties in relation to either the manufacture, storage and end use of the product. All orders are accepted subject to our current terms of trade. **If any clarification is required, please contact Soudal Technical Services or email [info@soudal.co.nz](mailto:info@soudal.co.nz).***

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