

NEMPAL® 140 Awning & Roofing Caulk

Classic Awning & Roofing Sealant

Description



NEMPAL® 140 Awning & Roofing is a classic one-component caulking sealant formulated specifically for sealing awning & roofing components. It bonds a variety of common construction materials, be it porous or non-porous, and thus it works well in various situations encountered during awning & roofing installation works, as there could be various substrates like metals, concrete, mortar, bricks, woods, painted surfaces, etc. with different substrate porosity, conditions and shapes.

The product also exhibits low shrinkage, outstanding durability, and great gunning and tooling characteristics, making application works effective. After 24 hours of application, only a surface skin will be formed on the exterior of sealant, while the interior remains soft and non-drying permanently.

Technical Properties

Curing System	: Oxidizing
Appearance	: Non-sagging Soft Paste
Odor	: Oleo-resinous
Colour	: Grey, White, Black
Specific Gravity	: 1.6 ± 0.3
Solid content, %	: 97 - 99
Max Joint Movement, %	: ± 3
Skin-Form Time, hours	: 24
Shrinkage, %	: ~ 5
Application Temperature, °C	: +4 to +50
Service Temperature, °C	: -5 to +60

Applications*

It may be used for sealing awning frame-to-wall gaps, overlapped roofing sheets, roofing fasteners, or gaps and joints where there are either no movements or very slight movements anticipated (less than $\pm 3\%$ of joint width). Typical applications include:

- Awning
- Metal Roofing
- Canopy
- Gutter
- Roof Flashing

** Users are responsible to carry out test prior to installation to confirm compatibility with actual substrates, work conditions, and service requirements.*

Features & Benefits

- Cost effective
- Slump resistant - superior gunning & tooling
- Excellent adhesion to most substrates without primer
- Low shrinkage
- Skin forming but non-drying
- Smooth Texture
- Outstanding durability

Directions for Use

1. Remove all residual dirt, grease, oil, frost, water, and old sealant thoroughly.
2. Cut the nozzle to desired bead width at 45° angle, screw it onto cartridge and place cartridge into caulking gun to apply sealant.
3. Apply the sealant in continuous and consistent manner to avoid gap or air trap.
4. Tool the sealant before it skins for a smooth finish, and to ensure proper adhesion by wetting the substrates
5. Clean off sealant excess with mineral spirit.

Limitations

NOT recommended for the following applications:

- Traffic areas subject to abrasion.
- Areas with permanent water immersion.
- Joints / gaps with expected movement/vibration $> 3\%$.

Storage, Shelf Life, and Packaging

- Store properly in a dry and well-ventilated place with temperature below $+30^\circ\text{C}$.
- Use within 24 months from date of production.
- Cartridge – 400 ml (24 cartridges / carton)

Handling Precautions

Always test before use - user is responsible to test before using to confirm the sealant produces desirable results.

For health and safety information, please refer to the latest Safety Data Sheet.

Disclaimer	The information provided herein reflects our current best knowledge and is offered as guidance for our customers. However, it does not absolve users from thoroughly inspecting all supplies upon receipt. We reserve the right to update product properties as new developments or technical progress arise. Users should verify the recommendations in this TDS through preliminary trials, as certain conditions during processing are beyond our control. This document does not constitute a warranty, expressed or implied, regarding the fitness or suitability of the product for any specific purpose. The company assumes no responsibility for any loss or damage resulting from product use, as variations in processing, working conditions, or workmanship may occur beyond our control.		
For Enquiry	Company: Bond Alike Sdn. Bhd. Email: sales@nempal.com	Address: No. 16, Jalan Inovatif 2/3, KIIP@Kuala Langat, 42700 Banting, Selangor, Malaysia. Phone: +603-5889 1615	
Document	ID: 100/tds/nempal/140/60/en/26-01	Version 26-01	Last Update: 26 June 2026