

Blockade

Multipurpose solvent based sealant

Description

Selleys Blockade is a multi-purpose, solvent borne copolymer rubber based sealant offering good all round performance. It cures to a flexible rubber with good adhesion to most building materials. It is Grey in colour and available in a 300ml cartridge.

Uses

- Sealant for use on metals, most plastics, painted and unpainted wood, masonry
- Wet, non-porous surfaces.
- Metals with an oily surface film typical on new metals; e.g. Zinalume® and galvanised iron.
- sealing or repairing roofs, awnings, skylights, ceramic tiles, gutters and downpipes, around window frames, plumbing entrances, vinyl or aluminium siding and roof flashings
- Sealing leaks in recreation vehicles, and waterproof bedding for glazing.

Features/Advantages

- High performance copolymer rubber based for indoor and outdoor applications.
- Universal sealant - adheres to most substrates.
- Neutral cure - will not attack metal or concrete type substrates.
- Adheres to many wet substrates, especially if pre-wiped with acetone.
- Easy to apply and tool.
- Offers good weatherability and resistance to U.V. light.
- Good slump resistance.
- Good paintability - can be over painted immediately.
- Easy clean up with mineral turps.

Instructions for Use/Application Instructions

The following should only be used as a guide and the installer should apply all Australian Standards, BCA/NZBC requirements, and best practices when installing.

- Surfaces to be sealed must be clean, dry and free from dust, grease, soap residues and flaking paint. If necessary clean with degreasing solvent such as white spirits.
- Cut nozzle supplied at an angle and to the required opening. Cut end off nipple on cartridge, fit nozzle and insert in suitable caulking gun.
- Apply sealant by gunning firmly into joint or onto surface in a continuous steady flow, pushing sealant ahead of nozzle.
- For a neat finish, tool sealant surface immediately with suitable spatula dipped in turps. If tape is used for clean joints remove immediately after applying sealant and tooling.
- Skins immediately. Maximum toughness is achieved slowly over several days.
- When applying to wet materials, keep nozzle very close to surface so that the extruding sealant immediately contacts the surface and forces water away from the contact surface. For effective adhesion the substrate must start drying shortly after sealant application.
- If adhesion to wet materials is difficult, wipe with rag soaked with acetone and apply sealant to the partially dry substrate. Adhesion may not be possible to some wet porous substrates such as some concrete or wood surfaces.

Storage

Store unopened cartridges below 30°C in a cool dry place away from direct sunlight. Unopened cartridges can be stored for 24 months from the date of manufacture.

Clean up

Spills and tools can be cleaned up with Mineral Turps or White Spirit.

Technical Data/Properties

Contact Selleys before using this data for the setting of specifications.

Property	Typical Result
Colour	Grey
Density	1.26
Technology	Solvent based copolymer
Shelf Life	24 months
Skin time	3 mins @ 25C
Tack free time	20 mins @ 25C 90 mins @ 5C
Shore A Hardness	45
Elongation at Break (ASTM D412)	500%
Tensile Strength (ASTM D412)	96kPa
Modulus @ 100% extension (ASTM D412)	176kPa
Recovery (ASTM D412)	58%
Joint Movement Capability	+/-10%
VOC	370g/L

Important Notes/Limitations

- Not an elastomeric compound, it should not be used in joints subject to considerable dynamic movement.
- Should not be used in an enclosed space or without adequate ventilation.
- May not adhere to some wet absorbent surfaces, or to some old (heavily oxidised) wet metals.
- Not recommended for permanent water immersion or potable water.
- Blockade cures relatively slowly (0.1mm per day).
- Blockade will not adhere through frost or ice.
- It is recommended to first undercoat with a premium water based undercoat.
- Allow at least half an hour cure before painting.
- Some water-based paints may exhibit poor wetting properties when painted onto *Blockade*. If poor wetting occurs simply wash sealant surface with soapy water then rinse and dry before painting.

Safety

Classified as hazardous – contains Hydrocarbon solvents

Wear gloves and safety glasses when using.

Classified as Dangerous Goods – Class 3 Flammable Liquid

Refer to Safety Data Sheet for more detailed information.

Disclaimer

All information contained in this Product Information Sheet is as accurate and up-to-date as possible. Products can be expected to perform as indicated in this Sheet, so long as application procedures are followed as recommended. Notwithstanding the above, any recommendations made by Selleys or its distributors in relation to this or other products is to be taken as advice only. Selleys makes no representations or warranties that this product will be suitable for use. Subject to any applicable legislation which cannot be excluded (such as the Australian Consumer Law), Selleys takes no responsibility and will not be liable for any failure in performance of this product or any losses, damages, or injuries (consequential or otherwise) arising from the storage, mixing, application or other use of this product or for any representations made by you about the product which have not been approved in writing by Selleys. The buyer assumes all risk and responsibility for the use of this product.

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