



FULASEAL 720 PAINTABLE SILICONE

Description

Fulaseal 720 Paintable Silicone Sealant is paintable sealant based on Hybrid STP technology. Fulaseal 720 Paintable Silicone Sealant is designed to be painted at any time after application with regular acrylic paints.

Benefits

- Isocyanate and solvent free
- Permanently paintable
- Highly flexible - $\pm 25\%$ of original joint width.
- Excellent resistance to weathering and UV radiation, resists yellowing
- No bubble formation when curing
- Paintable with high build, flexible emulsion coatings
- Does not sag or slump in joints up to 30mm
- Strong adhesion
- Sag Resistant
- Will not corrode concrete or metals

Uses

- General purpose sealing where over painting is required
- Window surrounds
- Timber siding
- Architraves and skirting boards
- In applications where a level of chemical resistance is required.
- VOC content: (Californian South coast air quality management rule 1168) is 0g/L. This product is VOC-free.

Compatible Substrates

Concrete	Cement sheet
Cement sheeting	Ceramic
Masonry	Plastics (pretest)
Plasterboard	ABS
Steel	Aluminium
Timber	Glass

Performance Data

Property	Data
Specific Gravity	ca. 1.42
Sag	Nil @ 25°C
Shrinkage	0%
Skin time	2-4 hours
Cure Rate	3 mm / day @ 23 °C / 50% RH
Full Cure	Dependant upon thickness
Shore A Hardness	25
Service Temperature	-40°C to 90°C
Modulus	0.54
Shelf Life	12 months unopened
Application temperature	5°C to 35°C

Coverage

400g cartridge will give approximately 13 lineal meters of a 5mm bead.

Surface Preparation

All surfaces must be clean, dry, sound and free of dust, oil, old sealant or other contamination.

Lightly contaminated surfaces should be wiped with Isopropyl Alcohol (IPA) using the 2-rag wipe method. Apply IPA to a clean lint-free cloth and wipe onto the surface to be cleaned to solubilise and remove the majority

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of the contaminant. A clean dry cloth should then be applied to remove remaining contamination and dry the surface. Ensure wet cleaner is not allowed to dry on surface. For more heavily contaminated surfaces or where the IPA does not remove the contaminant, a generic wax and grease remover should be applied using the same 2-rag wipe method. Once this has been completed the surface should be given a final clean with IPA using the 2-rag wipe method to ensure the surface is adequately prepared. Adhesion to metals and some surface finishes can be further improved by light abrasion prior to cleaning with IPA using the 2 rag-wipe method. For glazing applications IPA should be used to clean and prepare the surface. Manufacturers of plastics should be consulted about suitable cleaning solvents. Adhesion to plastics should be pre-tested. Mask either side of joint to produce a neat finish. Use a suitable sized foam backing rod or polyethylene bond breaker tape to prevent three sided joint contact impeding the free and even deformation of the sealant in a cyclic joint.

Product Application

Cut tip off cartridge. Angle cut nozzle to desired size. Screw nozzle onto cartridge. Apply sealant in a steady, continuous flow by pushing the sealant ahead of the nozzle so that it completely fills the joint and is in contact with both sides. Immediately after application, tool the sealant using a spatula. The use of water / soap solutions is not recommended. Avoid contact with alcohol other solvent cleaners during cure. Remember to remove the masking tape before the sealant skins.

Painting

Flexible, acrylic-based emulsion coatings are best over Fulaseal 720 Paintable Silicone. Less flexible interior coatings are likely to crack due to their inflexibility.

Oil based coatings and coatings containing a solvent are likely to remain tacky for an extended period when used over Fulaseal 720 Paintable Silicone.

Chemical Resistance

Resistant to water, salt water, grease, oils, fuels, defrosting liquid, detergents, aliphatic fats, mildew, weak acids and bases (pre testing required).

Clean Up

Best results are obtained by masking prior to sealing to avoid the necessity for clean up. If sealant is applied to areas where it is unwanted, clean up using white spirits.

Limitations

- Avoid exposure to high levels of chlorine.
- Do not use in joints deeper than 20 mm
- Avoid contact with alcohol and other solvent cleaners during cure phase.
- Pre-testing is required on Marble or other highly porous stone - finish may be affected.
- Solvent-based coatings may remain tacky.
- Do not use on bituminous surfaces.
- Do not use on materials that bleed oil and plasticisers or solvents, as this will affect adhesion (e.g. most rubbers)

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- Not a fire rated or glazing sealant. Not suitable for glazing with glass, acrylic or polycarbonate sheets.
- Not suitable for floor applications or foot traffic areas.
- Not suitable for permanent immersion e.g. swimming pools, aquariums or hot tubs.
- Not for sealing polycarbonate sheeting or other sheeting with high thermal expansion
- Not for food or drinking water contact

Safety Information

This product is not considered hazardous under the classification of GHS WHS Version 8. Further safety information is available on the product SDS. Avoid contact with skin and eyes. Store in a dry place below 30°C. Keep out of reach of children. An MSDS is available from the H.B. Fuller representative in your state, HB Fuller Australia customer service, or downloadable from the HB Fuller web site, www.hbfuller.com.au

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Version 3
TDS Date: 09/08/2024

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