



FULASEAL 701 FLEXIBLE ULTRA CLEAR™

Description

Fulaseal 701 Flexible Ultra Clear™ sealant is an easy to use, flexible, water clean up sealant, which dries clear and will not attack plastics or metals. Fulaseal 701 Flexible Ultra Clear™ sealant can be used for interior and exterior applications and can be painted if required. This product is designed to be versatile and useful in many household applications.

Benefits

- Dries clear
- Easy to use
- Water clean up
- Interior / exterior use
- Permanently flexible, ± 25% joint movement
- Strong adhesion
- Mould resistant
- Paintable
- Low odour
- Non hazardous

Uses

- Roofing especially polycarbonate
- Sealing around windows and doors
- Sealing weatherboard panels
- Sealing gaps and cracks
- Alternative to silicone or solvent borne sealants

Compatible Substrates

Roofing	Glass
Polycarbonate	Cement sheet
Masonry	Gypsum
Metal	Mortar
Timber	Most plastics (pretest)
Fiberglass	Weatherboards

Performance Summary

Slump 12 X 18mm channel	None
Tensile strength At 25°C	275 kPa
Elongation At 25°C, at break	1155 %
Recovery, 26% extension	92%
Dry peel adhesion Glass	11.8 kg/ cm
Aluminum	3.6 kg/ cm
Concrete	3.22 kg/ cm
Pine	4.3 kg/ cm
Shore A hardness	10
Shelf Life	18 months
Aymar cyclic durability Glass, Class A Sealant	Pass

Surface Preparation

All surfaces must be clean, dry, sound and free of dust, oil, old sealant or contamination. Do not use where a silicone has been previously used. At least one porous surface is required to allow the product to cure in the times stated below. Clean metals with solvent. Adhesion to metals can be further improved by light sanding. Mask joint edges for a neat finish.

Application

Note: Ultra clear is white when applied, and progresses to clear as the sealant cures.

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Ensure substrate temperatures are above 5°C.

Cut tip off cartridge. Screw on nozzle and load into cartridge gun. Cut nozzle to desired bead size (3-5 mm diameter).

Apply sealant in a continuous steady flow, by pushing sealant ahead of the nozzle, so that it is wetting both surfaces.

Tooling time is 10 minutes (use a wet spatula for best results).

Protect sealant from water until it dries clear.

Curing

Full cure is normally achieved in 5-7 days depending on bead size, conditions and substrates. Larger sections of sealant will take longer to cure. Fulaseal 701 Flexible Ultra Clear™ sealant relies on water evaporation to cure; therefore applying sealant on non porous substrates will extend curing time.

In particularly cold and/or wet conditions Fulaseal 701 can take an extended period of time to cure, and whilst curing the product is susceptible to moisture which can reverse the clear dry product back to milky white. It is therefore advised in these situations to protect Fulaseal 701 from moisture until fully cured. It is also recommended that the immediate area where Fulaseal 701 has been applied be kept as warm as feasible, to help accelerate the curing process.

Painting

Fulaseal 701 Flexible Ultra Clear™ sealant can be painted with water based paints once tack free (approximately 30 minutes). If using oil based paint, allow 5-7 days curing before painting or until it dries clear

Clean Up

Clean up any uncured product with water. Once cured use a knife, scraper or other mechanical means

Limitations

- Not for permanent water immersion e.g. fish tanks, swimming pools.
- Not recommended in situations where movement exceeds $\pm 25\%$ of the original joint dimensions.
- Not suitable for use where high abrasion, e.g. foot traffic is expected.
- Only to be used where there is at least one porous surface
- Do not use in areas where water is likely to 'pool'.
- Do not enclose in a lap joint between non porous surfaces.
- Sealant must be protected from water until cured.
- Using in three sided non porous channel (e.g. aluminum, plastic) may cause significant extended curing time and potential wash out upon exposure to water prior to cure

Safety Information

Fulaseal 701 Flexible Ultra Clear™ sealant is not classified as hazardous according to criteria of Worksafe Australia. A Material Safety Data Sheet is available from the H.B. Fuller representative your state, HB Fuller Australia customer service, or downloadable from the HB Fuller web site, www.hbfuller.com.au

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