



ULTRACLEAR™

Performance Summary

Description

Ultraclear™ sealant is an easy to use, flexible, water clean up sealant, which dries clear and will not attack plastics or metals. 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 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	

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
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. 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.

Our Focus is Clear. Perfecting Adhesives.

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**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. Ultraclear™ relies on water evaporation to cure; therefore applying sealant on non porous substrates will extend curing time

Painting

Ultraclear™ 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 absorbent 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

Ultraclear 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

Disclaimer

This technical data sheet summarises at the date of issue to the best technical knowledge of HB Fuller Australia. Since HB Fuller Australia cannot anticipate or control the conditions under which the product may be used, each user must, prior to usage, review this technical data sheet in the context of how the user intends to handle and use the product in the workplace. If clarification or further information is needed to ensure that an appropriate assessment can be made, the user should contact this company. Our responsibility for the products sold is subject to our standard terms and conditions, a copy of which is sent to our customers and is also available on request

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