

MC-906

ECO X'BOND CONSTRUCTION ADHESIVE SEALANT

x'traseal®

TECHNICAL DATA SHEET

REV: 03

Date: 15 October 2026

DESCRIPTION

MC-906 Eco x'bond Construction Adhesive Sealant is an environmentally friendly adhesive sealant that does not slump on vertical surfaces. It is formulated to bond to a wide variety of construction materials, including PVC, wood, gypsum board, concrete, aluminium, steel and galvanized iron. This product has been evaluated according to the certification requirements of the Singapore Green Building Product (SGBP) Certification Scheme and awarded the rating: VERY GOOD, 2 TICK by SGBC Pte Ltd.

FEATURES

- Low VOC Compliance
- Evironmentally Friendly
- Fast & Easy Application
- Interior & Exterior Use

USES

- Wall skirting, raised access floor, plaster ceiling cornice, green building, bonding PVC, wood, gypsum board, concrete, masonry, aluminum, galvanized iron, steel, fibrous cement sheet and floor paneling.

Due to a large variety of different coatings and substrates, we recommend preliminary compatibility tests prior to application to achieve desirable results.

NOT RECOMMENDED FOR

Underwater applications or permanent water immersion

- Polyethylene, polypropylene, **Nylon™** or **Teflon™**
- Bonding two non-porous surfaces
- Should not be used where continuous exposure to elevated temperature will occur
- Polystyrene foam application
- Mirror backed tiles or mirror application

APPLICATION

MC-906 Eco x'bond Construction Adhesive Sealant can be applied using either the 1-way wet stick adhesive method or the 2-way contact method.

For both methods, the surfaces to be bonded must be clean, dry and free from grease, oil and dust. Any loose or flaking paint must be removed, and the surfaces must be lightly sanded before application.

1-WAY WET STICK ADHESIVE METHOD: RECOMMENDED FOR HEAVIER PANELS

Apply a 4–6 mm bead of adhesive to one surface. The beads should be spaced no more than 45 mm apart. For butt joints, apply adhesive to both surfaces.

Bring the substrates together and secure them with clamps, nails or screws to maintain maximum surface contact at the bonded interface.

Clean off excess adhesive with toluene or xylene.

Temporary fasteners can be removed after 24 hours.

For flooring applications, the adhesive should be applied in accordance with the flooring manufacturer's specifications.

To prevent floor squeaking, after it is laid and immediately prior to mating the tongue from the next panel, apply a bead of adhesive into the groove of each panel.

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2-WAY CONTACT METHOD:

Apply adhesive to one surface and bring the substrates together.
Press firmly over the entire surface to transfer the adhesive and then pull both surfaces apart.
Allow to tack off for 3-5 minutes.
Reposition the substrates and press them firmly together.
Contact area should be tapped with hammer and padded block to ensure intimate contact.
Maximum bonding will be taken for 12-72 hours to reach. Some mechanical fastening may be retained for this period.
Clean off excess adhesive with toluene or xylene.

SPECIFICATION

Appearance	Beige paste
Odour	Aromatic odour
Specific gravity	1.22 ± 0.05
Solid content	Approximately 70%
VOC content	< 10 g/L
Lap shear strength	420 psi (wood-to-wood, 1 minute open time and conditioning for 24 hours at 20°C)
Application temperature	-20°C to +38°C
Service temperature	-30°C to +70°C
Shelf life	12 months

STORAGE

Material should be stored in a dry and cool place between +5°C to +30°C.

CAUTION

Highly flammable. Read and understand safety data sheet of this product before handling or using.

This information is provided in good faith and is believed accurate based on a review of current composition and information supplied by vendors. No warranty is expressed or implied. Liability is expressly disclaimed.

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