

MC-903

x'bond - CONSTRUCTION ADHESIVE SEALANT

x'traseal®

TECHNICAL DATA SHEET

REV: 08

Date: 11 July 2025

DESCRIPTION

MC-903 x'bond Construction Adhesive Sealant is a construction panel adhesive that will not slump on vertical surfaces. It has been formulated to bond to a wide variety of construction materials including pvc, wood, gypsum board, concrete, masonry, aluminium, galvornised iron, steel, fibrous cement sheet and floor paneling. Xbond is also safe to use on foamed polystyrene and mirror backed tiles.

FEATURES

- ◆ Easy to apply.
- ◆ High initial grab.
- ◆ Strong bonding strength.
- ◆ Good water resistance.
- ◆ Styrene safe.
- ◆ Cost saving.

USES

- ◆ Bonding pvc, wood, gypsum board, concrete, masonry, aluminium, galvornised iron, steel, fibrous cement sheet and floor paneling.
- ◆ Bonding foamed polystyrene, polyurethane and mirror backed tiles.

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

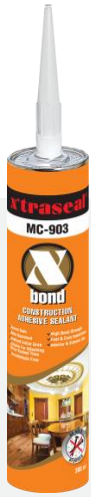
APPLICATION

MC-903 x'bond construction adhesive can be applied either by 1-way wet stick adhesive method or 2-way contact method. In both cases the first requirement is that both surfaces to be bond must be clean, dry and free of grease, oil and dust. Any loose or flaking paint must be removed and lightly sand before application.

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

Apply 4-6mm bead adhesive to one surface, beads should not be 45mm apart and butt joint should be adhered on both surfaces. Bringing substrate together with clamped, nailed or screwed to maintain maximum surface contact at bonded interface. Clean off excess adhesive with toluene or xylene. Temporary fastening can be release after 24 hours.

For flooring application, the adhesive should be applied to the flooring manufacturer's specifications. To stop floor squeaking, apply a bead of adhesive into the groove of each panel after it is laid and immediately prior to mating the tongue from the next panel.



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2-WAY CONTACT METHOD

Apply adhesive to one surface and bringing substrate together.
Press firmly over entire surface to transfer adhesive and then pull both surfaces apart.
Allow to tack off for 3-5 minutes.
Reposition and press 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

CURING TIME

MC-903 x'bond construction adhesive will bond in approximately 7-24 hours in room temperature. The curing time might be longer for smoother surfaces.

SPECIFICATION

Appearance	Beige paste.
Odour	Aromatic odour
Specific gravity	1.17 ± 0.05
Solid content	76% approx.
Lap shear	370 psi (wood to wood, 1 minute open time and conditioning for 24 hours at 20°C)
Application temp.	-10°C to 30°C
Service temperature	-10°C to 85°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 material 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.