

TECHNICAL DATA SHEETS

NEVER NAIL CONSTRUCTION

DESCRIPTION

NEVER NAIL x'bond IS A CONSTRUCTION PANEL ADHESIVE THAT WILL NOT SLUM ON VERTICAL SURFACES. IT HAS BEEN FORMULATED TO BOND TO A WIDE VARIERTY OF CONSTRUCTION MATERIALS INCLUDING PVC, WOOD, GYPSUM BOARD, CONCRETE, MASONRY, ALUMINIUM, GALVERNISED 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 STRENGHT.
- GOOD WATER RESISTANCE.
- COAST SAVING.

USES

BONDING PVC, WOOD, GYPSUM BOARD, CONCRETE, MASONRY, ALUMINIUM, GAL VERNISED IRON, STEEL, FIBROUS CEMENT SHEET AND FLOOR PANELING.
BONDING FOAMED POLYSTYRENE, POLYURETHANE AND MIRROR BACKED TILES.

LIMITATIONS

NOT FOR PE, PP AND PTFE.
SUBSTRATE SURFACES TEMPERATURE SHOULD NOT EXCEED 30°C.
SHOULD NOT BE USED WHERE CONTINOUS EXPOSURE TO ELEVATED TEMPERATURE

APPLICATION INSTRUCTIONS

X'BOND 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 ALLOW SOLVENT TO EVAPORATE.

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.

TEMPERARY FASTENING CAN BE RELEASE AFTER 24 HOURS.

FOR FLOOR APPLICATION, THE ADHESIVE SHOULD BE APPLIED TO THE FLOORING MANUFACTUER'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.

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 TRACK 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 TAKIN FOR 12-72 HOURS TO REACH. SOME MECHANICAL FASTENING MAY BE FOR THIS PERIOD.

CLEAN OFF EXCESS ADHESIVE WITH TOLUENE OR XYLENE.

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CURING TIME

NEVER NAIL CONSTRUCTION ADHESIVE WILL BOND IN APPROXIMATELY 7-24 HOURS UNDER ROOM TEMPERATURE.

THE CURING TIME WILL BE LONGER FOR SMOOTH SURFACES

SPECIFICATIONS

APPEARANCE:	BEIGE PASTE.
ODOUR:	AROMATIC ODOUR
SPECIFIC GRAVITY:	1.15±0.05
SOLID CONTENT:	APPROX. 76%
VISCOSITY:	APPROX. 180,000 CPS @ 25°C, #7, 10 R.P.M. APPROX. 1,800,000 CPS @ 25°C, #7, 1 R.P.M.
LAP SHEAR:	146PSI (COTTON BACKED PVC TO STEEL, 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

CAUTION

HIGHLY INFLAMMABLE.

UNCURED ADHESIVE MAY CAUSE SKIN, EYE AND RESPIRATORY SYSTEM IRRITATION.
USE ONLY IN WELL VENTILATED AREAS.

USE APPROPRIATE PERSONAL PROTECTION TO AVOID CONTACT WITH SKIN AND EYES.
IN CASE OF EYE CONTACT OR IRRITATION, FLUSH EYE IMMEDIATELY WITH RUNNING
WATER FOR 15 MINUTES AND GET MEDICAL ATTENTION.