

TECHNICAL DATA SHEET



SL-980 CONSTRUCTION ADHESIVE

DESCRIPTION:

SILOCK SL-980 IS A CONSTRUCTION ADHESIVE THAT PROVIDES A STRONG BONDING ON MOST BUILDING MATERIALS. IT HAS A GOOD ADHESION TO A VARIETY OF CONSTRUCTION MATERIALS SUCH AS PVC, WOOD, GYPSUM BOARD, CONCRETE, MASONRY, ALUMINIUM, GALVERNISED IRON, STEEL, FIBROUS CEMENT SHEET, FLOOR PANELING, FOAMED POLYSTYRENE AND MIRROR BACKED TILES.

FEATURES:

- ◆ SINGLE COMPONENT
- ◆ HIGH INITIAL BOND
- ◆ STRONG BONDING STRENGTH
- ◆ EASY TO APPLY.
- ◆ RESISTANCE TO WATER
- ◆ STYRENE SAFE.

USES:

- ◆ IT HAS A GOOD ADHESION TO A VARIETY OF CONSTRUCTION MATERIALS SUCH AS PVC, WOOD, GYPSUM BOARD, CONCRETE, MASONRY, ALUMINIUM, GALVERNISED IRON, STEEL, FIBROUS CEMENT SHEET, FLOOR PANELING, FOAMED POLYSTYRENE AND MIRROR BACKED TILES.

WE RECOMMEND PRELIMINARY COMPATIBILITY TESTS PRIOR TO APPLICATION TO ACHIEVE DESIRABLE RESULTS

NOT RECOMMENDED FOR:

- ◆ UNDERWATER APPLICATIONS OR PERMANENT WATER IMMERSION
- ◆ POLYETHYLENE, POLYPROPYLENE, NYLONTM OR TEFLONTM
- ◆ BONDING TWO NON-POROUS SURFACES
- ◆ SHOULD NOT BE USED WHERE CONTINUOUS EXPOSURE TO ELEVATED TEMPERATURE WILL OCCUR

TECHNICAL DATA SHEET**SL-980 CONSTRUCTION ADHESIVE****APPLICATION INSTRUCTIONS:**

SL-980 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.

TEMPERARY 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.

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:

SL-980 CONSTRUCTION ADHESIVE WILL BOND IN APPROXIMATELY 7-24 HOURS IN ROOM TEMPERATURE. THE CURING TIME MIGHT BE LONGER FOR SMOOTHER SURFACES.

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SPECIFICATION:

APPEARANCE	BEIGE PASTE.
ODOUR	AROMATIC ODOUR
SPECIFIC GRAVITY	1.15 ± 0.05
SOLID CONTENT	76% APPROX.
VISCOSITY	180,000 CPS @ 25°C, #7, 20 R.P.M. APPROX.
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

STORAGE:

MATERIAL SHOULD BE STORED IN A DRY AND COOL PLACE BETWEEN +5⁰C TO +30⁰C.

CAUTION:

HIGHLY FLAMMABLE. READ AND UNDERSTAND MATERIAL SAFETY DATA SHEET OF THIS PRODUCT BEFORE HANDLING OR USING.

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