



MS-609

MS POLYMER ADHESIVE / SEALANT – X'GRIP



ISO 14001
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DESCRIPTION:

x'traseal® MS-609 IS A HYBRID SILYL MODIFIED POLYETHER TECHNOLOGY BASED HIGH GRIP ONE COMPONENT STRONG ADHESIVE. X-GRIP IS SUITABLE FOR DIRECT BONDING ON A WIDE RANGE OF HEAVY CONSTRUCTION MATERIALS WITHOUT SUPPORT. THAT IS WHY SUPPORT OF THE ADHESIVE ASSEMBLY IS NOT NECESSARY IN GENERAL. X-GRIP HAS HIGH PERFORMANCE MECHANICAL PROPERTIES AND COMBINES HIGH STIFFNESS WITH HIGH BOND STRENGTH, HENCE IS RECOMMENDED FOR BONDING IN BUILDING AND CONSTRUCTION INDUSTRY.

FEATURES:

- ◆ HIGH PERFORMANCE MECHANICAL PROPERTIES
- ◆ EXTREMELY FAST GRIP
- ◆ EXCELLENT COLOUR STABILITY & UV RESISTANCE
- ◆ DOES NOT CONTAIN SOLVENT, ISOCYANATE, ACID AND SILICONE OIL
- ◆ NON-BLEEDING AND CRACK RESISTANT
- ◆ NO VISIBLE STAIN EVEN ON POROUS SUBSTRATE
- ◆ CAN BE APPLIED ON MOIST SURFACE
- ◆ NO BUBBLE FORMATION
- ◆ PAINTABLE & ENVIRONMENT FRIENDLY
- ◆ EXTERNAL & INTERNAL USE

USES:

MS-609 IS SPECIALLY DEVELOPED AS A UNIVERSAL ADHESIVE FOR GLUING OF MIRROR, ASSEMBLY OF THRESHOLD, SKIRTING BOARD, STRIPES, DECORATIVE WALL, PANEL, AND PORCELAIN MATERIALS. MS 609 IS ALSO APPLICABLE FOR COATED METAL, STAINLESS STEEL, COPPER, ZINC, POLYESTER PANEL, HPL PANELS, POLYSTYRENE, POLYCARBONATE, UPVC, EPOXY, FINISHED WOOD AND ETC.

DUE TO A LARGE VARIETY OF DIFFERENT COATINGS AND SUBSTRATES, WE RECOMMEND PRELIMINARY COMPATIBILITY TESTS PRIOR TO APPLICATION TO ACHIEVE DESIRABLE RESULTS.

APPLICATION:

- SUBSTRATES MUST BE CLEAN, DRY AND FREE FROM GREASE. REMOVE ALL DIRT, OIL, GREASE, DETERGENTS AND LOOSE MATERIAL.
- CUT TIP OFF CARTRIDGE. CUT NOZZLE TO DESIRED SIZE AT 45°ANGLE. SCREW NOZZLE ONTO CARTRIDGE. PLACE CARTRIDGE INTO CAULKING GUN.
- APPLY THE ADHESIVE ONTO SUBSTRATES.
- BRING THE MATERIALS INTO POSITION AND PRESS WELL TO MAKE SURE THAT THE THICKNESS OF THE ADHESIVE IS MINIMUM 2-3 MM BETWEEN MATERIAL AND SURFACE.
- BECAUSE OF THE HIGH INITIAL STRENGTH SUPPORT DURING CURING IS USUALLY NOT NECESSARY





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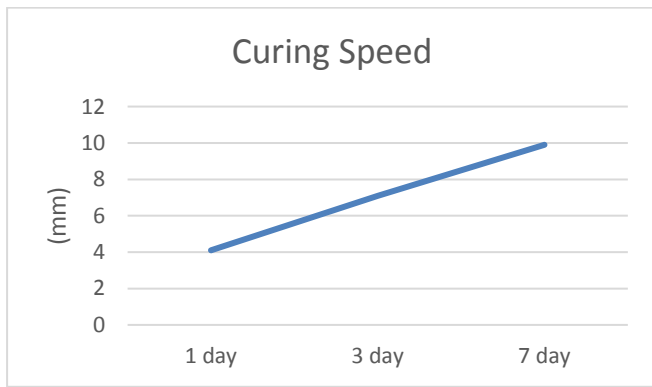


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CURING TIME:

MS-609 WILL SKIN FORMING IN APPROXIMATELY 5 MINUTES AND TACK FREE IN APPROXIMATELY 20 MINUTES AND IT WILL CURE TO A DEPTH OF 10 MM IN 7 DAYS. LONGER CURING TIME MAY BE NECESSARY IN DRY AND LOW HUMIDITY AREA.



PAINTABILITY

MS-609 IS PAINTABLE WITH WATER BASED PAINTS, HOWEVER DUE TO LARGE NUMBER OF PAINTS AND VARNISHES AVAILABLE WE STRONGLY SUGGEST A COMPATIBILITY TEST BEFORE APPLICATION. PAINTS BASED ON ALKYD RESINS MAY HAVE EXTENDED DRYING TIME.

NOTE: MS-609 HAS LARGER MOVEMENT CAPABILITY THAN A NORMAL PAINT FILM. CRACKING OF PAINT FILM MAY OCCUR WITH MOVEMENT IN JOINT.

CHEMICAL RESISTANCE:

GOOD RESISTANCE TO WATER, DILUTED INORGANIC ACIDS AND ALKALIS.

POOR RESISTANCE TO CONCENTRATED ACIDS AND ALKALINE SOLUTIONS, ORGANIC SOLVENTS, AND HALOGENATED HYDROCARBONS.

CLEAN UP

EXCESS ADHESIVE CAN BE REMOVED WITH MINERAL SPIRIT AND CLEANING SOLVENT BEFORE CURED. AFTER CURING, MS-609 MAY ONLY BE REMOVED MECHANICALLY.

LIMITATIONS:

MS-609 IS NOT SUITABLE FOR THE FOLLOWING APPLICATIONS:

- PE, PP, PTFE, PLASTICS CONTAINING SOFTENERS, AND BITUMINIOUS SUBSTRATES
- STRUCTURAL GLAZING
- TOTALLY CONFINED SPACES WHERE THERE IS NO ATMOSPHERIC HUMIDITY, WHICH IS NEEDED FOR PROPER CURING
- UNDER WATER APPLICATIONS
- HEAVY TRAFFICABLE SURFACE / JOINTS
- EXPOSURE TO AGGRESSIVE SOLVENTS OR CHEMICALS
- FOOD CONTACT





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SPECIFICATION:

PROPERTIES	VALUE	METHOD
CURING SYSTEM	NEUTRAL	-
APPEARANCE	NON-SAGGING PASTE	VISUAL
SMELL	ODOURLESS	VISUAL
SPECIFIC GRAVITY	1.57 +/- 0.02	ASTM D 1475
HARDNESS (SHORE A)	50 APPROX.	ASTM D2240
ELONGATION AT BREAK	200% APPROX.	ASTM D412
TENSILE AT BREAK	1.02 MPA	ASTM D412
SECANT MODULUS @ 23°C AT 100% ELONGATION	0.89 MPA	ASTM D412
APPLICATION TEMP.	5°C TO 40°C	-
SERVICE TEMP.	-40°C TO 100°C	-
LAP SHEAR STRENGTH (AL. TO AL.)	1.10 MPA	ASTM C961

PACKAGING:

290 ML CARTRIDGES / 24 PER CARTON

COLOUR:

WHITE, OTHER COLOURS UPON REQUEST.

SHELF LIFE:

9 MONTHS IN UNOPENED PACKAGING IN A COOL AND DRY STORAGE PLACE AT TEMPERATURES BETWEEN +5°C AND +30°C.

CAUTION:

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.