

TECHNICAL DATA SHEET**SL-911 HIGH PERFORMANCE HYBRID
POLYMER SEALANT****DESCRIPTIONS:**

SL-911 HIGH PERFORMANCE HYBRID POLYMER SEALANT IS BASED UPON HYBRID SILYL MODIFIED POLYETHER TECHNOLOGY. IT IS A PREMIUM, MOISTURE CURE SEALANT FOR CONSTRUCTION JOINTS SUBJECT TO DYNAMIC JOINT MOVEMENT. THIS ONE -PART, LOW ODOR, MOISTURE CURE PRODUCT PROVIDES EXCELLENT WEATHERING RESISTANCE, FLEXIBILITY, VERY LOW VOC. UPON CURING, IT IS PAINTABLE WITH LATEX BASED PAINTS. IT HAS A WIDE TEMPERATURE RANGE AND WILL NOT FORM BUBBLE WITHIN SEALANT EVEN IN A HIGH HUMIDITY CONDITION. IT IS AN IDEAL PRODUCT FOR ALL IN ONE INDOOR AND OUTDOOR BONDING AND SEALING PURPOSES.

FEATURES

- ◆ GOOD MECHANICAL STRENGTH
- ◆ STAIN & MOULD RESISTANT; ITS DOES NOT BLEED AS COMPARED TO SILICONE SEALANTS
- ◆ ENVIRONMENT FRIENDLY (SOLVENT FREE); NO OFFENSIVE ODORS
- ◆ WEATHER AND UV RESISTANCE DURABILITY
- ◆ NO BUBBLE FORMATION WITHIN SEALANT
- ◆ CAN BE APPLIED ON DAMP SURFACES
- ◆ PRIMERLESS ADHESION ON MOST SURFACES

USES:

- ◆ CONSTRUCTION JOINTS IN EXTERIOR OR INTERIOR APPLICATIONS ON MOST BUILDING MATERIALS SUCH AS CONCRETE, BRICKWORK, ALUMINUM, STAINLESS / MILD OR GALVANIZED STEEL, DOOR OR METAL FRAMES, AND CERAMICS
- ◆ SEALING AND BONDING IN AUTOMOTIVE
- ◆ JOINTS WITH MOVEMENT ACCOMMODATION FACTOR OF +/- 25 %

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

JOINT DESIGN:

THE SPECIFIED SEALANT BEAD SIZE SHOULD BE CALCULATED TO COMPLY WITH THE COMPRESSION AND EXTENSION CAPABILITIES OF THE SEALANT IN RELATION TO THE ANTICIPATED JOINT WIDTH DUE TO EXPANSION AND CONTRACTION.

GENERALLY CALCULATION OF THE WIDTH OF SL-911 as SEALANT BEAD SHOULD BE COMPUTED ON THE BASIS OF A MAXIMUM ± 25 % OF THE ORIGINAL JOINT WIDTH. COMPRESSION AND EXTENSION CAPABILITY MINIMUM BEAD SIZE SHOULD NOT BE LESS THAN 2MM TO ACCOMMODATE MOVEMENT. THE WIDTH OF THE JOINT SHOULD BE TWO TIMES THE DEPTH OF THE JOINT

- JOINT SIZE MINIMUM WIDTH: 2 MM FOR BONDING & 5 MM FOR JOINTS
- JOINT SIZE MAXIMUM WIDTH: 10 MM FOR BONDING & 30 MM FOR JOINTS
- JOINT SIZE MINIMUM DEPTH: 5 MM

TECHNICAL DATA SHEET



SL-911 HIGH PERFORMANCE HYBRID POLYMER SEALANT

APPLICATIONS:

- THE SUBSTRATES MUST BE CLEAN AND SOUND, FREE OF DUST AND LOOSE PARTICLES. LAITANCE, OIL, GREASE, MOULD RELEASE AGENTS, CURING COMPOUND, AND TRACES OF PRIOR SEALANTS AND ADHESIVES MUST BE REMOVED FROM SURFACES
- CUT TIP OFF CARTRIDGE. CUT NOZZLE TO DESIRED SIZE AT 45° ANGLE. SCREW NOZZLE ONTO CARTRIDGE. INSERT CARTRIDGE INTO CAULKING GUN.
- PUSH SEALANT AHEAD FOR UNIFORM BEAD
- CLEAN OFF EXCESS SEALANT WITH M.E.K. OR TOLUENE BEFORE DRY.

CURING TIME:

SL-911 WILL SKIN FORMING IN APPROXIMATELY 15 MINUTES AND IT WILL CURE TO A DEPTH OF 11 MM IN 7 DAYS. LONGER CURING TIME MAY BE NECESSARY IN DRY AND LOW HUMIDITY AREA.

SPECIFICATIONS:

PROPERTIES	VALUE	METHOD
CURING SYSTEM	NEUTRAL	-
APPEARANCE	NON-SAGGING PASTE	VISUAL
SMELL	ODOURLESS	VISUAL
SPECIFIC GRAVITY	1.43 +/- 0.05 (WHITE & GREY) 1.39 +/- 0.05 (BLACK)	ASTM D 1475
HARDNESS (SHORE A)	32 APPROX.	ASTM D2240
ELONGATION AT BREAK	800% APPROX.	ASTM D412
TENSILE AT BREAK	1.4 MPa	ASTM D412
SECANT MODULUS @ 23°C AT 100% ELONGATION	0.4 MPa	ASTM D412
APPLICATION TEMP.	5°C TO 40°C	-
SERVICE TEMP.	-40°C TO 90°C	-
SHELF LIFE	9 MONTHS	-

STORAGE:

MATERIAL SHOULD BE STORED IN A DRY AND COOL PLACE BETWEEN +5°C TO +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.