



CANSEAL SL

DESCRIPTION

The CanSeal SL is a single component, moisture-curing, self-leveling sealant designed for horizontal joints in concrete and cementitious construction. The CanSeal SL is ideal for both pedestrian and vehicular traffic. Applications could include:

- Plaza decks
- Sidewalks
- Driveways
- Pavement
- Terraces
- Factories
- Warehouses
- Balconies
- Parking Decks

The CanSeal SL is composed of a hybrid polymer system that allows for application on new concrete, damp surfaces and inclement weather conditions that would challenge the more traditional sealants. There is no “outgassing” that could compromise the function or esthetics of the CanSeal SL.

The CanSeal SL is 100% solids, isocyanate-free and solvent-free. As such it can be used on both interior and exterior applications with no workplace concerns.

While the CanSeal SL can tolerate incidental and temporary exposure to water, it should not be considered for applications involving continuous immersion. For applications involving specific and prolonged chemical exposure, there are other CanSeal products to consider.

FEATURES AND BENEFITS

- Solvent and isocyanate free, 100% solids
- Non-flammable
- Primerless bonding to most surfaces
- Odour free
- Permanently elastic to -40°C
- Fast Curing
- Paint Compatible

STORAGE AND SHELF LIFE

Unopened containers should be stored in a cool and dry environment between 4°C and 26°C, being protected from water, heat and direct sunlight. The expected shelf life when stored in such conditions will approach 10 months from the date of manufacturing.

SURFACE PREPARATION

All surfaces should be clean and free of all possible contaminants that would affect the function of the CanSeal SL. This would include oil, grease, tar, dirt and other foreign materials. While damp surfaces are acceptable, all standing or pooled water should be removed. Surfaces should be frost-free.

GENERAL PHYSICAL PROPERTIES	
Basic Material	Proprietary Polymer
Consistency	Paste
Color	Black, Gray, and White
Odor	Nil
Components	1
Type	Elastomeric
Specific Gravity	1.4 to 1.6

PERFORMANCE PROPERTIES		
Shear Strength	> 215psi (7 day ambient cure)	ASTM D-412
Elongation at Break	160 %+ (7 day ambient cure)	ASTM D-412
Hardness Shore A	53 (14 day ambient cure)	ASTM C-661
Initial Skin Forming	23 Minutes	



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PERFORMANCE PROPERTIES		
Accelerated Weathering	No Cracking	
Stain Testing	No Staining	
Low Temperature Flex	-29°C	---PASS--- No Change In
QUV Panel Test	4000 Hours B-Bulb	---PASS--- No Change In

Service Temperature - 40°C to 93°C. Temporarily resistant to 199°C.

SURFACE PRIMING

While priming could always be an advantage, it should not be required except in cases of extreme service performance expectations or prolonged water immersion.

JOINT DESIGN

ASTM and SWRI guidelines recommend a joint width to joint depth ratio of 2:1 with the depth being no more than 1/2 inch thick but no less than 1/4 inch thick. A backer rod or bond breaker tape should be utilized to prevent 3-point adhesion and ensure proper functionality of the CanSeal SL. The backer rod sizing should be 25% larger than the joint width to ensure a snug fit.

CANSEAL SL APPLICATION INSTRUCTIONS

Although the CanSeal NS can be used at temperatures as low as -10°C, the recommended application temperatures are between 4°C and 34°C. If applied at lower temperatures the self-leveling and cure characteristics will be affected. Ideally, the joint sealing process should occur at the mid-range point of the exposure temperatures expected long term. This will properly address the expected expansion and contraction of the joint.

Dispense the CanSeal SL into the prepped joint in a controlled manner to prevent pockets of air from being trapped within the sealant. Since the CanSeal

SL is self-leveling, no additional tooling of the sealant is required. The CanSeal SL should skin-over in approximately 25 minutes depending upon the atmospheric conditions and temperature. Recessed joints should be quickly ready for traffic, while flush joints should remain traffic-free until such a time that the sealant is firm enough to handle the rigors of the traffic.

CLEAN-UP

Fresh, wet material can be removed with a light duty solvent such as isopropyl alcohol. Mineral spirits could also be considered. Cured material will require mechanical methods of removal. Do not expose finished applications to excessive cleaning solvents.

PACKAGE OPTIONS

- 10.3 fluid ounce cartridges
- 28 fluid ounce cartridges

Disclaimer: The information we provide is accurate to the best of our knowledge, but we do not assume any liability as to its accuracy or completeness. We do not guarantee that any hazards that we may mention are the only hazards that exist. User is responsible to determine the suitability of this product for user's intended application. User is responsible for determining that he can meet all applicable health and safety standards and regulations. We have no control over transportation, storage, handling and use of product and will not be liable for any damages resulting from their use.