



## TECHNICAL DATA SHEET

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# Surethane Polyurethane Adhesive/Sealant

STOCK: CUSS (black) CODE: 9020 310 mL (10.5 fl oz) cartridge

### PRODUCT

Dominion Sure Seal Surethane CUSS is a non-sag single-component polyurethane based elastomeric adhesive/sealant which cures under the effect of atmospheric humidity to form a flexible and resistant joint with very good adhesion to most materials.

### APPLICATIONS

Dominion Sure Seal Surethane CUSS can be used for bonding and sealing most industry materials: concrete, wood, aluminium, most lacquered metals, polyester, glass, stone, etc.

- Automotive industry;
- Bus & coach construction;
- Trailer construction;
- Body repair shops;

### FEATURES

- Very good adhesion to a wide range of substrates;
- Fast cure, high elasticity;
- Non-sag formula.

### INSTRUCTIONS FOR USE

Substrate preparation :

The substrate must be clean, even, dry, free of dust, oil, grease and any contaminants that could harm bonding. All traces of poorly adherent paints or coatings should be systematically removed beforehand. Clean the substrates with Dominion Sure Seal Sure Solv BSS, methyl ethyl ketone (MEK) or acetone. Check the compatibility of the solvent used with the substrate. If necessary, rub down metal surfaces beforehand. Clean them after rubbing down. Allow the substrates to dry after degreasing. If necessary, apply a primer. Note : when using solvents, extinguish all sources of ignition and carefully follow the safety and handling instructions given by the manufacturer or supplier. We recommend to clean concrete with a metal brush.

Caulking :

Dominion Sure Seal Surethane CUSS can be applied by a manual or pneumatic gun. After application, each joint should be smoothed out using a wet and soapy plastering knife. This product should be used within 24 hours of opening the cartridge; otherwise the sealant could harden inside. If applied in cold weather, store the packaging at about 20 °C before use. Do not apply on silicones or in the presence of cured silicones. Avoid contact with alcohols and solvents during curing.

Cleaning :

Tools should be cleaned with Dominion Sure Seal Sure Solv BSS, MEK or acetone before the sealant has completely cured. After curing, abrasion is necessary.



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### CONSUMPTION (for a 310 mL cartridge)

Tube (mm)	2	3	4	5	6	7	8	9	10
Length of bead (m)	98	43	24	15	11	8	6	4	3

### TECHNICAL DATA of Dominion Sure Seal CUSSW

Product	Dominion Sure Seal CUSSW
Appearance	Paste,
Colour	Black
Density at 20°C, g/mL	1.18 ± 0.05
Sagging (ISO 7390)	None
Application Temperature	5 to 35°C
Skin Formation Time (23°C, 50% RH)	Ca. 60 min
Cure Time (23°C, 50% RH)	Ca. 4 mm/24 hr (>1/8 inch per 24 hrs)
Final Shore A hardness	Ca. 45
Temperature resistance (cured)	-40°C to +90°C
Resistance to dilute acids and bases	Average
UV Resistance	Good
Water and salt water resistance	Excellent
Paintability (20°C, 65% RH)*	
➤ Solvent-based systems	Carry out tests beforehand
➤ Water based system	Yes, after drying
Modulus at 100% Elongation (ISO 37)	0.6 MPa (87 psi)
Elongation at break (ISO 37)	> 600%
Tensile Strength (ISO 37)	Ca. 1.4 MPa (203 psi)
Colours (standard)	Black
Packaging	310 mL (10.5 fl oz)

### STORAGE STABILITY

The product should be stored in the original, hermetically sealed cartridges between 5 and 25 °C The packaging must be protected from direct sunlight and heat. Store in a cool and moisture free environment.

### SAFETY PRECAUTIONS AND TRANSPORT CLASSIFICATION

Please see our latest material safety data sheet for details.

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All figures, recommendations and safety precautions are based on thorough investigations and our actual experience and are without engagement. Although the documentation has been set up with most carefulness, we do not accept any responsibility for mistakes, inaccuracies or printer's errors. We reserve the right to adjust the product, whenever we feel necessary. Because the design, the quality of the substrate and the conditions during application fall beyond our control, no responsibility for executed works can be accepted on the basis of this documentation. We therefore recommend to carry out own tests on the spot.  
All our deliveries are subject to the General Terms and Conditions of Sale and Purchase of Dominion Sure Seal Ltd.