

Retro-Coat™ CAULK

Product Description

Retro-Coat CAULK™ is a single component silicone sealant with a broad range of chemical resistance to acids, caustics and solvents under splash/spill conditions. It can withstand movement either in tension or compression of 50% provided proper expansion joint design is practiced. **Retro-Coat CAULK** stays elastic down to -65°F. It bonds to concrete, metal, wood and plastic surfaces without use of a primer. It possesses excellent weatherability. Under normal atmospheric conditions, **Retro-Coat CAULK** dries tack free in 2 hours and dries hard in 24 hrs.

Product Application

Retro-Coat CAULK is primarily used for sealing moving cracks, expansion joints and providing the initial seal around penetration through the slab. With excellent sag resistance and available in 10 oz. cartridges, it can be applied in vertical, as well as horizontal joints. For areas with heavy traffic, or areas where more significant repair is needed, contact Land Science Technologies for the necessary product information.

Physical Properties

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|-----------------------------------|-----------|--|-----------------------|
| Tensile Strength (D-412) | : 150 psi | Joint Movement Capability | : ± 50% |
| Tensile Elongation (D-412) | : 550% | Durometer Hardness, Shore A | : 28 |
| Tear Strength, ASTM D-624 (Die B) | : 27 psi | Weatherability (1500 hours in Atlas Weatherometer) | : Remains Elastomeric |
| Adhesion, Peel Strength | : 20 psi | | |

Physical Characteristics

| | | | |
|------------------|------------|---|------------|
| Specific Gravity | 1.5 | Curing Times (@ 50% R.H., 77°F): | |
| Flow (slump) | 0.1 inches | Working Time | 30 minutes |
| | | Skinover Time | 2-3 hours |
| | | Cure Time (1/8" thickness) | 24 hours |
| | | Full Cure | 14 days |

Color Availability

Black, Gray, and Red

Shelf Life: 6 months at 77° in unopened containers. Avoid contact with moisture prior to use.

Packaging and Coverage Rates (for ½ x ½" joint)

| | | |
|-----------------------|---|--------|
| 10.3 ounce cartridges | : | 6 LF |
| 2 gallon pails | : | 150 LF |

The data, statements and recommendations set forth in this product information sheet are based on testing, research and other development work which has been carefully conducted by Land Science Technologies, and we believe such data, statements and recommendations will serve as reliable guidelines. However, this product is subject to numerous uses under varying conditions over which we have no control, and accordingly, we do NOT warrant that this product is suitable for any particular use. Users are advised to test the product in advance to make certain it is suitable for their particular production conditions and particular use or uses.

WARRANTY – All products manufactured by us are warranted to be first class material and free from defects in material and workmanship.

Liability under this warranty is limited to the net purchase price of any such products proven defective or, at our option, to the repair or replacement of said products upon their return to us transportation prepaid. All claims hereunder on defective products must be made in writing within 30 days after the receipt of such products in your plant and prior to further processing or combining with other materials and products. WE MAKE NO WARRANTY, EXPRESS OR IMPLIED, AS TO THE SUITABILITY OF ANY OF OUR PRODUCTS FOR ANY PARTICULAR USE, AND WE SHALL NOT BE SUBJECT TO LIABILITY FROM ANY DAMAGES RESULTING FROM THEIR USE IN OPERATIONS NOT UNDER OUR DIRECT CONTROL.

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