

TECHNICAL DATA SHEET

DELTA®-LFS SEALANT AND ROUGH OPENING FLASHING

MATERIAL

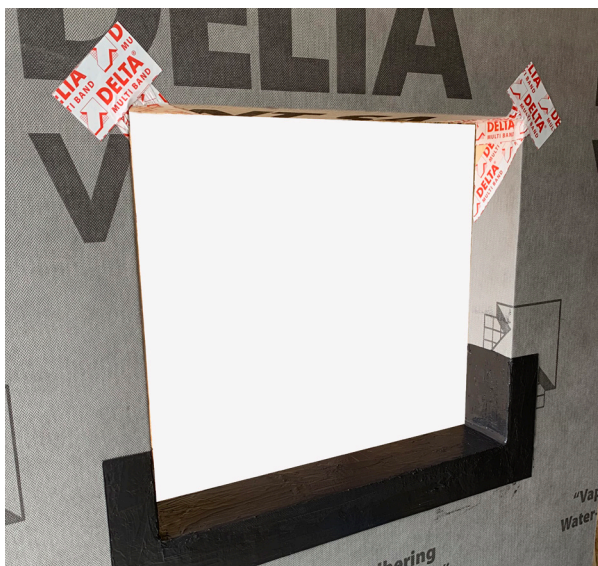
DELTA®-LFS is a permanently elastic flashing compound and sealant suitable for use with DELTA® membranes. Also adheres to other common building elements. DELTA®-LFS is a one-part, moisture curing, room-temperature vulcanizing (RTV), 100% silicone adhesive and sealant that cures to form a low-modulus silicone rubber that maintains long-term adhesion and flexibility. It remains flexible from -60°C to 200°C (-76°F to 392°F).

SURFACE PREPARATION

All surfaces should be clean, dry, and free of dust, dirt, frost, damage, grease, excess mortar and sharp protrusions, standing water, and all other adhesion-limiting substances.

USES

DELTA®-LFS contributes to the air- and water-tightness of the building enclosure by sealing and flashing window and door openings. DELTA®-LFS forms an exceptional bond to common construction materials, making it an ideal component to create continuity in an air- and water-tight manner. DELTA®-LFS is part of DELTA® premium system accessories that complete a WRB / Air Barrier installation. Apply DELTA®-LFS to substrate using appropriate caulking gun and spread using a trowel to achieve a uniform membrane thickness of 15 to 18 mils over the rough window opening. Allow treated surfaces to cure before installing windows, doors and other wall assembly, components. It is also used to seal membrane penetrations and overlaps.



Technical Data

Product name	DELTA®-LFS
Color	Black
Material	100% silicone, one-part RTV
Packaging	12 cartridges / box
Cartridge size	10.2 fl.oz (300 ml)
Coverage	approx. 7m (22 ft) /cartridge (1/4" wide bead of sealant)
Shelf life	12 months
Curing time	Skin formation after 30 minutes at 50% humidity
Application temperature	0°C to 50°C (32°F to 120°F)
Service temperature	-60°C to 200°C (-76°F to 392°F)
Cure Time	24 hours
Full Physical Characteristics	7 days
PHYSICAL PROPERTIES - Uncured	
Specific Gravity	1.12
Slump/Sag	0 - 0.2 inch/min
Cure System	Moisture Cure
PHYSICAL PROPERTIES - Cured at Standard Conditions* for 7 Days	
Durometer Hardness (ASTM D2240, Shore A)	15 points
Tensile Strength (ASTM D412)	113 psi
Elongation at Break (ASTM D412)	700%
Tear Resistance (ASTM D624, Die B)	21 ppi

*At standard conditions 77°F (25°C) and 50% relative humidity

DELTA® products support sustainable and energy-efficient building practices, including efforts toward achieving LEED® certification (LEED® for New Construction & Major Renovations, LEED® for Core and Shell, LEED® for Existing Buildings and LEED® for Homes).

For technical support, call our technical support team at 1-888-4DELTA4 (1-888-433-5824) extension 326, or visit www.dorken.com.