



Product Data Sheet

PRODUCT DESCRIPTION

7860-LO series low odor RTV Silicone is a high quality elastomeric roofing material designed as a weather protective coating for polyurethane foam roofing systems.

PRODUCT NUMBERS AND COLORS

Standard colors are:

7860-LO White 7861-LO Gray
7862-LO Dark Gray 7863-LO Tan (special order)

CURED FILM PERFORMANCE

Description	Test Method	Results
Tensile Strength	ASTM D412	270 psi
Elongation	ASTM D412	350%
Permanent Set	ASTM D412	2%
Tear Resistance	ASTM 1004	26.7 lb/in
Water Resistance	ASTM D471	< 1%
MVT @ 30 Mils	ASTM E96	2.9 metric perms
Shore A	ASTM D2240	35 - 40
Adhesion	ASTM D903	2.6 lb/in

PRODUCT DATA

Description	Test Method	Results
Weight/Gal	ASTM D1475	11.18 lbs/gal
Weight Solids	ASTM D4209	77.2%
Volume Solids	Calculated	62.6%
VOC	EPA Method 24	247 g/L
Viscosity (mixed)	ASTM D562	125 KU
Flash Point	ASTM 93-PMCC	119°F
Shelf Life @ 70°F		1 year

MIXING

Read container labels, MSDS and application instructions prior to mixing. Mix 55 gallon drums and 5 gallon pails with a variable speed drill utilizing a jiffy mixer to to suspend any settled pigment and attain a uniform color. Time will vary depending on temperature conditions.

STORAGE

Containers of silicone coating should be stored in a cool (70°F) area to insure long shelf life. To prevent container rupture due to very high temperature, keep away from heat and/or open flames.

HEALTH AND SAFETY

Read the Material Safety Data Sheet (MSDS) and container labels for detailed health and safety information. This product is intended for industrial use by properly trained professional applicators only.

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