



THERM-O-SIL

SILICONE COATING SYSTEM

TF 2000 SERIES

PRODUCT DESCRIPTION

THERM-O-SIL Silicone Coating System is a high quality elastomeric roofing material designed as a weather protective coating for polyurethane foam roofing systems.

PRODUCT NUMBERS AND COLORS

Standard color is:

2001 – White 2002 - Gray

CURED FILM PERFORMANCE

<i>Description</i>	<i>Test Method</i>	<i>Results</i>
Tensile strength, min.	ASTM D 412	350 psi
Elongation at break, % at 75°F (23.9°C)	ASTM D 412	200%
Permanent set at break % minimum	ASTM D 412	<10%
Adhesion to substrate	ASTM D 903	Excellent
Moisture vapor trans. English perms	ASTM E 96	3.3 perms
Tear resistance	ASTM D 1004	30 lb/in
Hardness shore A	ASTM D 2240	45-55
Resistance to water % max change in weight after 7 days immersion	ASTM D 471	<1%

PRODUCT DATA

<i>Description</i>	<i>Test Method</i>	<i>Results</i>
Viscosity, Kneb units	ASTM D 562	115 -125
Weight – lbs/gal	ASTM D 1475	11.9 lbs
Weight solids	ASTM D 1353	77%
Volume solids	Calculated	66%
Flash point	ASTM D 1310	106°F
Red Label		No
VOC -		2.50 g/l
Shelf life -		6 months
Cure time @ 75°F, and 50% RH	TT-S-000230A	4 – 6 hours

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SAFETY

THIS PRODUCT CONTAINS FLAMMABLE AROMATIC SOLVENTS. EXCESSIVE CONTACT WITH BARE SKIN SHOULD BE AVOIDED. IT IS GOOD PRACTICE TO WEAR GLOVES AND TO GUARD AGAINST SPLASHING THE COATING OR SOLVENT. INHALATION OF FUMES OR VAPOR SHOULD BE AVOIDED. USE A NIOSH/MSHA APPROVED RESPIRATOR.

THINNING OF MATERIALS IS NOT REQUIRED UNDER NORMAL APPLICATION CONDITIONS. HOWEVER, IF REQUIRED, THIN MATERIAL WITH XYLENE. NEVER THIN MORE THAN 10% WITHOUT CONSULTING LAPOLLA. A 1:1 MIX BY VOLUME OF XYLENE AND M.E.K. SHOULD BE USED FOR CLEANING EQUIPMENT.

FOR SURFACE PREPARATION AND APPLICATION INSTRUCTIONS, REFER TO LAPOLLA GUIDE SPECIFICATIONS.

STORAGE

Every precaution should be taken to prevent fire. Drums and cans of coatings and solvents should be stored in a cool (75°F) area safe from fire exposure. When specified on container, the liquid coating, its fumes and vapor must be kept away from any source of ignition, heat, sparks, arcing switches, open flames, including pilot lights, cutting torches and all tools that could cause sparks. Do not smoke. Use explosion proof equipment. Foam or dry powder fire extinguishers should be placed where they can be quickly and safely reached in case of fire.