

Product Construction Sheet

FLX000290 - FLEXcon® COMPUcal® EXCEL™ 22450

GENERAL DESCRIPTION:

This is a matte topcoated metalized silver polyester film coated with a permanent pressure sensitive acrylic adhesive backed with a semi-bleached kraft release liner.

UL RECOGNITION:

This product is UL recognized. For further information, please reference FLEXcon's UL file number PGI2.MH16635 (N) or contact your FLEXcon Representative.

PRODUCT DATA	VALUE	TEST METHOD
PHYSICAL PROPERTIES		
Thickness mil (micron)	MTC + Film: 2.1 (61) +/- 10 % Adhesive: 0.8-0.9 (20-23) +/- 0.1 (3) Liner: 3.1 (79) +/- 10 %	ASTM D 3652 (Modified for use with non-tape product)
Dimensional Stability (%)	No shrinkage observed	On Al panel at 160°F (71°C) for 24 hr.

ADHESION PROPERTIES*

Adhesion from	Average oz/in (N/m)	
Stainless Steel	70 (770)	ASTM D 903 (Modified for 72 hr. dwell time)
Acrylic	74 (814)	
Glass	66 (726)	
Polypropylene	8 (88)	
Expected Shear (hours)	15	ASTM D 3654 Method A (1 hr. dwell, 1 sq. in, 4 lb. load)
Tack (g)	910	ASTM D 2979

* For guidance only, not to be used for setting specifications. Due to the custom nature of this product, the data presented are based on three or less production runs.

EXPECTED EXTERIOR LIFE	Two years
SERVICE TEMPERATURE RANGE	-40°F to 302°F (-40°C to 150°C)
MINIMUM APPLICATION TEMPERATURE	32°F (0°C)
STORAGE STABILITY	Two years stored at 70°F (21°C) and 50% RH

COMPUcal is a registered trademark and EXCEL is a trademark of FLEXcon Company, Inc. 03/06/2017

Product Performance and Suitability

All of the descriptive information, the typical performance data, and recommendations for the use of FLEXcon products shall be used only as a guide and do not reflect the specification or specification range for any particular property of the product. Furnishing such information is merely an attempt to assist you after you have indicated your contemplated use and shall in no event constitute a warranty of any kind by FLEXcon. All purchasers of FLEXcon products shall be responsible for independently determining the suitability of the material for the purpose for which it is purchased. No distributor, salesman, or representative of FLEXcon is authorized to give any warranty, guaranty, or make any representation in addition or contrary to the above.