

# TANGO *by Case Systems*

## Tested to Sefa 8 PL (2016)



## TEST REPORT SUMMARY

### Independent Third Party Testing

Test conducted by Intertek, 4700 Broadmoor Ave SE, Suite 200, Kentwood, MI 49512  
Report No: 104965974GRR-001

### Description of Samples Tested:

Part Description: W302 Plastic Laminate (TANGO Second Light)  
Material Submitted: Eight (8) 4" x 12" Test Samples  
Material Specification: SEFA 8 PL (2016)

### Conclusion

TEST	RESULTS
8.1 Chemical Spot Test	Conforming
8.2 Hot Water Test	Conforming

### 8.1 Chemical Spot Test:

Acceptance Criteria: The Range of Results is provided to establish the acceptable range for Laboratory Grade Finish. Laboratory grade finishes should result in no more than four (4) Level 3 conditions.

TOTALS			
ITEMS	REQUIREMENT	NO. REAGENT WITH 3 RATINGS	DISPOSITION
Volatile Subtotal:	-	0	-
Non-Volatile Subtotal:	-	1	-
<b>Grand Totals:</b>	No More than Four (4) Level 3 Conditions	1	<b>Conforming</b>

### 8.2 Hot Water Test:

Acceptance Criteria: After cooling and wiping dry, the finish shall show no visible effect from the hot water.

SAMPLE	VISUAL EFFECTS	DISPOSITION
1	None	Conforming

# TANGO *by Case Systems*

## Tested to Sefa 8 PL (2016)



### 8.1 CHEMICAL SPOT TEST

#### TEST PROCEDURE:

##### Test Method:

Per SEFA 8-PL-2016 Section 8.1

The received sample to be tested for chemical resistance as described herein: Place panel on flat surface, clean with soap (Liqui-Nox at 5% concentration) and water and blot dry. Condition the panel for 48-hours at  $73\pm 3^{\circ}\text{F}$  ( $23\pm 2^{\circ}\text{C}$ ) and  $50 \pm 5\%$  relative humidity. Test the panel for chemical resistance using forty-nine (49) different chemical reagents by the following methods.

##### Method A:

Test volatile chemicals by placing a cotton ball saturated with reagent in the mouth of a 1-oz. (29.574cc) bottle and inverting the bottle on the surface of the panel. The cotton ball shall remain in contact with the sample for duration of the test.

##### Method B:

Test non-volatile chemicals by placing five drops of the reagent on the surface of the panel and covering with a 24 mm watch glass, convex side down.

For both of the above methods, leave the reagents on the panel for a period of one hour. Wash off the panel with water, clean with detergent (Liqui-Nox at 5% concentration) and naphtha, and rinse with deionized water. Dry with a towel and evaluate after 24 hours at  $73\pm 3^{\circ}\text{F}$  ( $23\pm 2^{\circ}\text{C}$ ) and  $50 \pm 5\%$  relative humidity using the following rating system.

##### Rating Scale:

Level 0: No detectable change.

Level 1: Slight change in color or gloss.

Level 2: Slight surface etching or severe staining.

Level 3: Pitting, cratering, swelling, or erosion of coating with obvious and significant deterioration.

### 8.2 HOT WATER TEST

#### TEST PROCEDURE:

##### Test Method:

Per SEFA 8-PL-2016 Section 8.2

Hot water ( $190^{\circ}\text{F}$  to  $205^{\circ}\text{F}$  [ $88^{\circ}\text{C}$  to  $96^{\circ}\text{C}$ ]) shall be allowed to trickle (with a steady stream and at a rate of not less than 6 ounces [177.44cc] per minute) on the finished surface, which shall be set at an angle of  $45^{\circ}$ , for a period of five minutes.