

## TYPICAL PROPERTIES COMPARISON

Test Material	surf(x)	HPL
Hoffman Scratch	1300 g	1000 g
Burnish	None / Slight	Moderate
MEK Double Wipes	> 50	> 100
NEMA Wear (initial)	750 cycles	300 cycles
NEMA Cleanability	16* (see below)	10
NEMA Ball Impact	3000 mm	1100 mm
NEMA Boiling Water	None / Moderate	None

\* Actual value varies depending on selection of color sample.

## STAIN RESISTANCE

Test Material	Cleaning Steps							Score	Stain Resistance
	0	1	2	3	4	5			
Distilled Water	-	-	-	-	-	-	0	N	
Ethyl Alcohol / Water (50:50)	-	-	-	-	-	-	0	N	
Acetone	1	1	1	1	1	-	5	M	
Household Ammonia	-	-	-	-	-	-	0	N	
Citric Acid 10%	-	-	-	-	-	-	0	N	
Vegetable Oil	-	-	-	-	-	-	0	N	
Coffee	-	-	-	-	-	-	0	N	
Tea	-	-	-	-	-	-	0	N	
Tomato Ketchup	-	-	-	-	-	-	0	N	
Mustard	1	1	1	-	-	-	3	N	
10% Iodine	-	-	-	-	-	-	0	N	
Black Permanent Marker	1	1	-	-	-	-	2	N	
#2 Pencil	1	1	-	-	-	-	2	N	
Wax Crayon	1	1	-	-	-	-	2	N	
Black Shoe Polish	1	1	-	-	-	-	2	N	
	Total							16	

### Cleaning Steps

See NEMA LD 3-2005 for full description.

- 0 = Removed with water
- 1 = 25 cycles spray cleaner or sponge
- 2 = 25 cycles baking soda plus spray cleaner on brush
- 3 = Acetone and cotton ball
- 4 = Bleach plus cotton ball
- 5 = Not removed

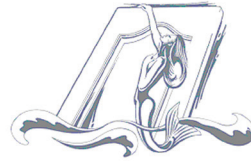
### Stain Resistance

See NEMA LD 3-2005 for full description.

- N = No effect
- M = Moderate effect. Difficult to perceive stain
- S = Severe effect. Easily perceive stain or damage to surface

Actual results may vary depending on color - lighter shades are more susceptible to staining. Additional constructions available upon request.

SURF(X) is a registered trademark of OMNOVA Solutions Inc.



*Gulf Contours*



surf(x)<sup>®</sup>  
3D Laminates

**Durable, 3-Dimensional Surfacing**