



UV COATING COMPARISON

Tested on smooth and textured white

TEST METHOD & DESCRIPTION	NUVOCOAT (SMOOTH & TEXTURE)	HB FULLER TEXTURE
Gloss range ASTM D523	Smooth 35° - 90° ; Texture 5° - 20°	10° - 20°
Pencil hardness ASTM D3363	2H – 5H *	3H – 5H
Crosshatch adhesion ASTM D3353	4B – 5B *	4B
Solvent resistance MEK	50 double rubs	50 double rubs
Boiling water NEMA LD3 3.5	Pass **	Pass **
Taber abrasion NEMA LD3 3.5	< 25 mg / 500 cycles	< 70 mg / 1000 cycles
Weatherometer AATCC 16	120 hours – little to no change	120 hours – no significant change

CLEANABILITY:

The following products were tested and had no effect on both Protech Nuvocoat® and HB Fuller UV coatings.

Ethyl alcohol, rubbing alcohol, household detergent, vegetable oil, coffee, tea, milk, catsup, yellow mustard, vinegar, red lipstick, grape juice, non permanent black marker, blue washable ink, providone iodine 10%, #2 pencil.

ADDITIONAL TESTING:

Ball Impact Resistance (NEMA LD3 3.8) 65” drop - - no cracking

Linear Glass Scratch Resistance (NEMA LD3 3.7) 200g mass - - no scratch visible **

* Depending on formulation

** Depending on colors