

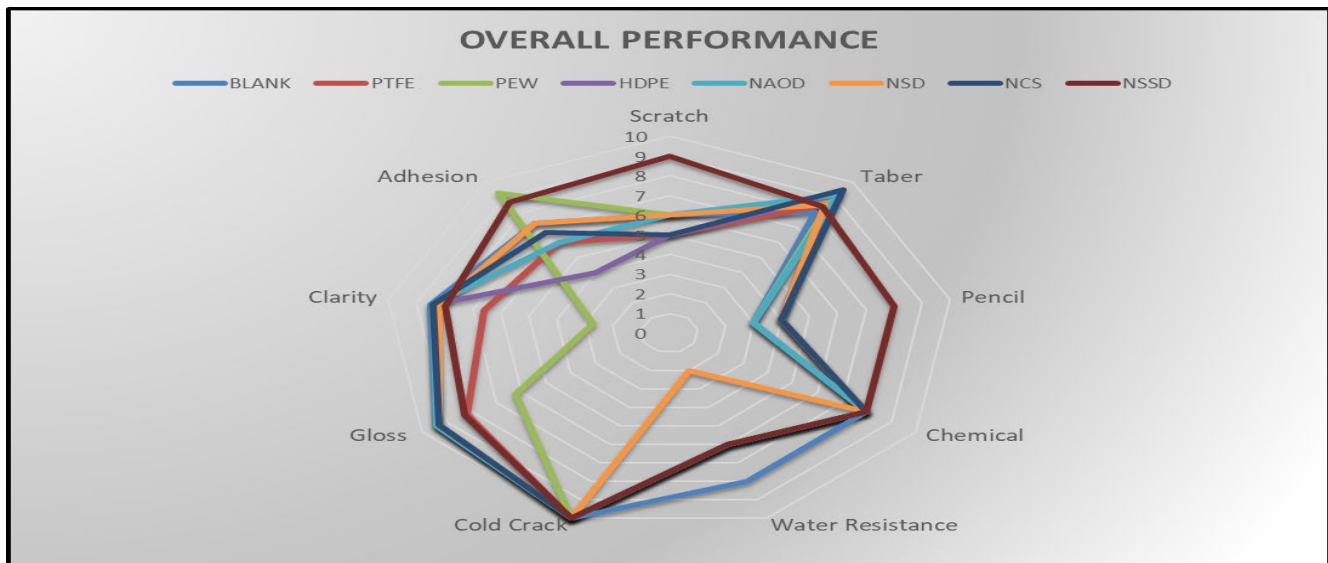
Waterborne UV-Curable High Gloss Clear Wood Coating using SCRATCH-X

<u>Component</u>	<u>Supplier</u>	<u>lbs/100 gal</u>	<u>% wt</u>	<u>Formula Properties</u>	
Bayhydrol UV 2317/1	Covestro	653.25	73.28	% Weight Solids	31.81
Add the following under agitation.					
HALOX® SCRATCH-X	ICL Phosphate Specialty	53.66	6.02	% Volume Solids	26.85
Omnirad 500	IGM Resins	7.93	0.89	PVC	5.44
Byk 346	BYK	2.80	0.31	VOC g/l	2.98
Acrysol RM-825	Dow Chemical	3.50	0.39	Density lbs/gal	8.91
Water		170.31	19.10		
TOTAL		891.45	100		

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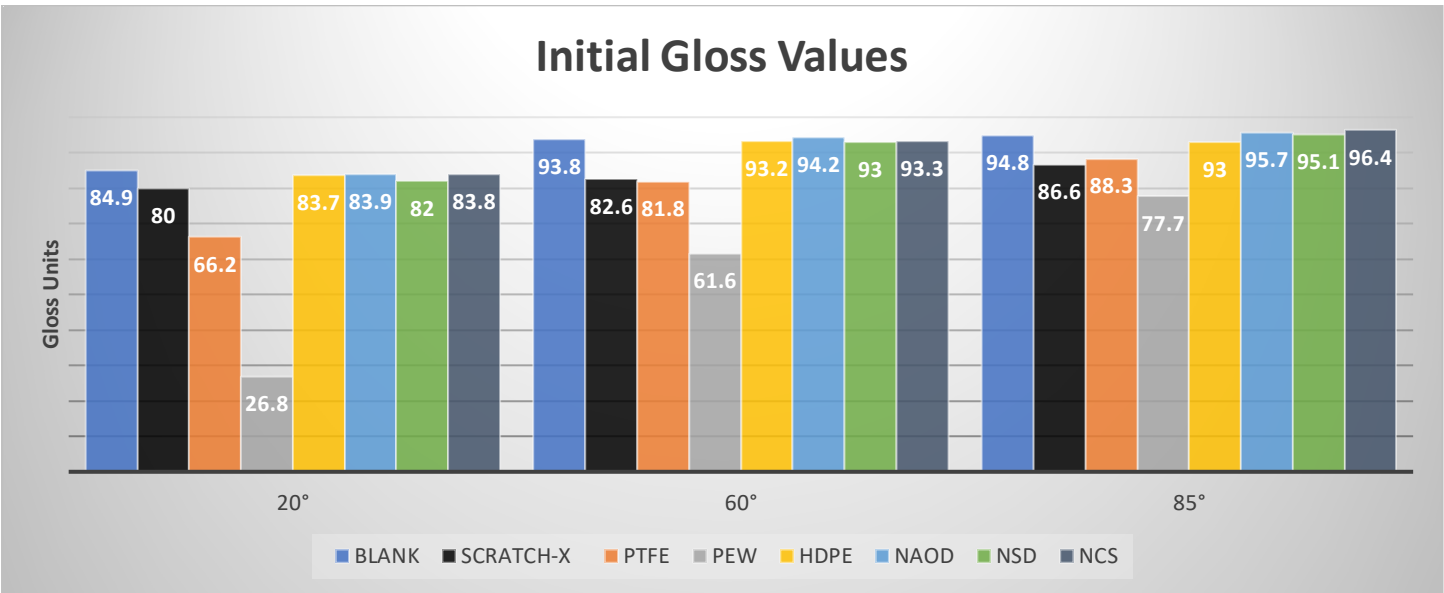
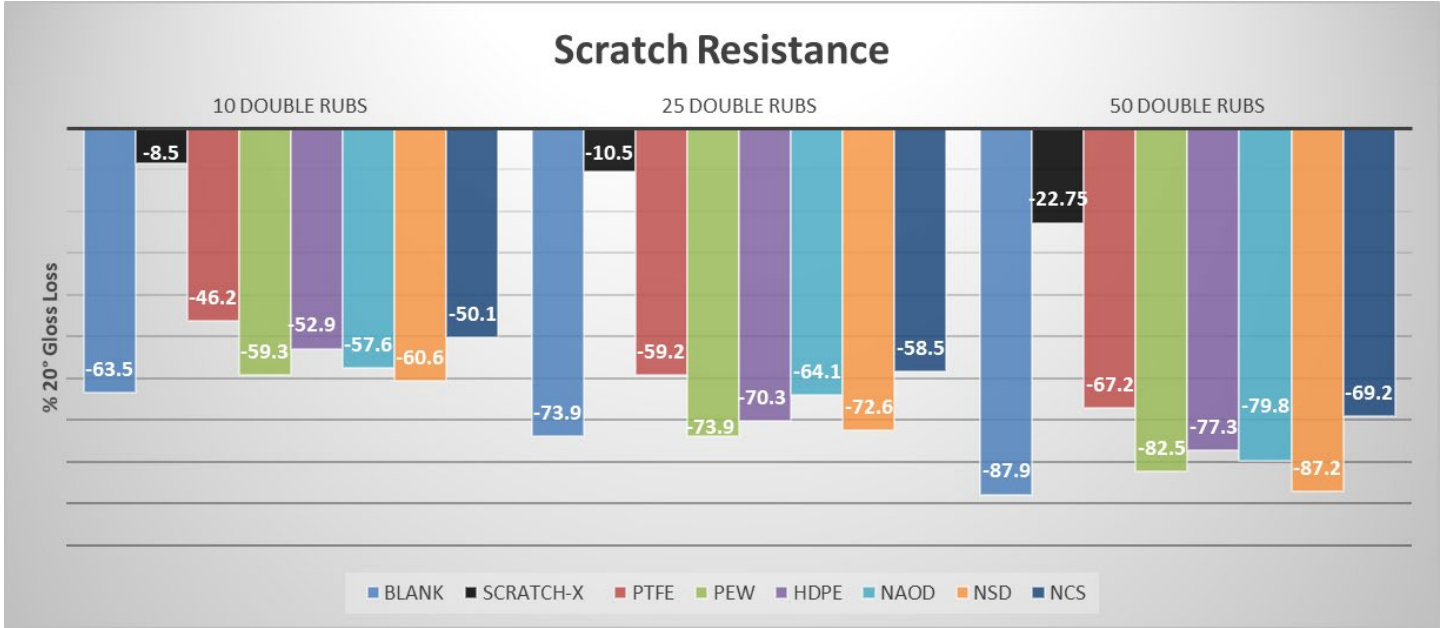
Waterborne UV-Curable High Gloss Clear Wood Coating using 6% HALOX® SCRATCH-X

Sample ID	Chemical Name	Manufacturer's Suggested Loading Level	Tested Level
BLANK	Blank Control	0	0
SCRATCH-X	Nano-Stabilized Silicate Dispersion	2-8	6
PTFE	LDPE / PTFE Wax Dispersion	2-5	3.5
PEW	Modified PE Wax	2-6	6
HDPE	HD PE Wax Emulsion	1-2	1
NAOD	Nano Aluminum Oxide Dispersion	1-5	3
NSD	Nano Silica Dispersion	0.5-2	1
NCS	Surface Modified Nano Colloidal Silica	1-5	3



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