

# TECHNICAL DATA SHEET

## H SERIES

Colors	Item No.	Recommended Cure Temp (F°)	Recommended Mil Thickness (mil)	Gloss Level*	Gloss Units*	Strainer Size (mesh)	Density (g/mL)	% Solids	Viscosity (cP)**	Theoretical Coverage per gal @ Recommended Mil Thickness (ft²)	Coating Stability (F°) Max. Temp.	Color Stability (F°) Max. Temp.	Chemical Resistance† (Common Solvents & Diesel)	UV Stability	Corrosion Resistance ASTM B117 (hrs)	Hardness† Gouge ASTM D3363	Hardness† Scratch ASTM D3363	Adhesion† (Crosscut Adhesion) ASTM D3359	Flexibility† (Conical Mandrel Bend) ASTM D522	Impact Performance† Direct /Indirect ASTM D2794
A.I. Dark Earth	H-250	250-300	1 mil	Flat	1	150 (Part # SE-276)	1.40	30	71	482	500+	350	Excellent	Good	2000+	9H	8H	5B	100% Resistance	160 in-lbs/160 in-lbs
Armor Black	H-190	250-300	1 mil	Flat	2	150 (Part # SE-276)	1.42	31	50	495	500+	500+	Excellent	Good	2000+	9H	8H	5B	100% Resistance	160 in-lbs/160 in-lbs
Aztec Teal	H-349	250-300	1 mil	Matte	7	150 (Part # SE-276)	1.47	40	55	321	500+	400	Excellent	Poor	2000+	9H	8H	5B	100% Resistance	160 in-lbs/160 in-lbs
Barrett® Bronze	H-259	250-300	1 mil	Flat	5	150 (Part # SE-276)	1.39	30	50	479	500+	500+	Excellent	Good	2000+	9H	8H	5B	100% Resistance	160 in-lbs/160 in-lbs
Barrett® Brown	H-269	250-300	1 mil	Flat	2	150 (Part # SE-276)	1.44	32	67	514	500+	400	Excellent	Good	2000+	9H	8H	5B	100% Resistance	160 in-lbs/160 in-lbs
Battleship Grey	H-213	250-300	1 mil	Matte	7	150 (Part # SE-276)	1.42	37	45	614	500+	350	Excellent	Good	2000+	9H	8H	5B	100% Resistance	160 in-lbs/160 in-lbs
Bazooka Pink	H-244	250-300	2 mil	Eggshell	18	150 (Part # SE-276)	1.52	36	79	291	500+	300	Excellent	Poor	2000+	9H	8H	5B	100% Resistance	160 in-lbs/160 in-lbs
Benelli® Sand	H-143	250-300	1 mil	Flat	5	150 (Part # SE-276)	1.48	32	72	519	500+	350	Excellent	Good	2000+	9H	8H	5B	100% Resistance	160 in-lbs/160 in-lbs
Black Cherry	H-319	250-300	1 mil	Flat	5	100 (Part # SE-275)	1.41	33	40	531	500+	450	Excellent	Good	2000+	9H	8H	5B	100% Resistance	160 in-lbs/160 in-lbs
Blood Orange 5	H-322	250-300	1 mil	Flat	6	100 (Part # SE-275)	1.38	36	61	580	500+	400	Excellent	Good	2000+	9H	7H	5B	100% Resistance	160 in-lbs/160 in-lbs
Blush	H-321	250-300	1 mil	Flat	2	100 (Part # SE-275)	1.44	45	60	578	500+	350	Excellent	Excellent	2000+	9H	7H	5B	100% Resistance	160 in-lbs/160 in-lbs
Blue Raspberry	H-329	250-300	1 mil	Flat	6	150 (Part # SE-276)	1.50	34	48	715	500+	300	Excellent	Poor	2000+	9H	8H	5B	100% Resistance	160 in-lbs/160 in-lbs
Blue Titanium	H-185	250-300	1 mil	Flat	1	100 (Part # SE-275)	1.40	36	58	535	500+	300	Excellent	Good	2000+	9H	8H	5B	100% Resistance	160 in-lbs/160 in-lbs
Bright Nickel	H-157	250-300	1 mil	Flat	3	100 (Part # SE-275)	1.40	33	46	526	500+	350	Excellent	Good	2000+	9H	8H	5B	100% Resistance	160 in-lbs/160 in-lbs
Bright Purple	H-217	250	1 mil	Matte	8	150 (Part # SE-276)	1.40	36	47	289	500+	250	Excellent	Poor	2000+	9H	8H	5B	100% Resistance	160 in-lbs/160 in-lbs
Bright White	H-140	250	2 mil	Semi Gloss	40	150 (Part # SE-276)	1.45	37	75	298	500+	250	Excellent	Poor	2000+	9H	8H	5B	100% Resistance	160 in-lbs/160 in-lbs
Bull Shark Grey	H-214	250-300	1 mil	Matte	7	150 (Part # SE-276)	1.49	35	152	542	500+	350	Excellent	Good	2000+	9H	8H	5B	100% Resistance	80 in-lbs/80 in-lbs
Burnt Bronze	H-148	250-300	1 mil	Flat	1	100 (Part # SE-275)	1.42	35	81	568	500+	350	Fair	Good	2000+	9H	8H	5B	100% Resistance	160 in-lbs/160 in-lbs
Cadex Tan	H-308	250-300	1 mil	Flat	3	150 (Part # SE-276)	1.48	36	72	552	500+	450	Excellent	Good	2000+	9H	8H	5B	100% Resistance	160 in-lbs/160 in-lbs
Charcoal Green	H-338	250-300	1 mil	Flat	3	100 (Part # SE-275)	1.45	38	75	609	500+	400	Excellent	Fair	2000+	9H	8H	5B	100% Resistance	160 in-lbs/160 in-lbs
Chocolate Brown	H-258	250-300	1 mil	Flat	3	150 (Part # SE-276)	1.37	28	40	450	500+	500+	Excellent	Good	2000+	9H	8H	5B	100% Resistance	160 in-lbs/160 in-lbs
Cobalt	H-112	250-300	1 mil	Flat	1	100 (Part # SE-275)	1.44	33	55	527	500+	500+	Excellent	Good	2000+	9H	8H	5B	100% Resistance	160 in-lbs/160 in-lbs
Cobalt Kinetics™ Green	H-296	250-300	1 mil	Flat	1	100 (Part # SE-275)	1.38	34	100	542	500+	350	Excellent	Good	2000+	9H	8H	5B	100% Resistance	160 in-lbs/160 in-lbs
Cobalt Kinetics™ Slate	H-295	250-300	1 mil	Flat	1	100 (Part # SE-275)	1.40	34	84	540	500+	350	Excellent	Good	2000+	9H	8H	5B	100% Resistance	160 in-lbs/160 in-lbs
Combat Grey	H-130	250-300	1 mil	Flat	1	150 (Part # SE-276)	1.43	36	80	580	500+	350	Excellent	Fair	2000+	9H	8H	5B	100% Resistance	160 in-lbs/160 in-lbs
Copper Brown	H-149	250-300	1 mil	Flat	2	150 (Part # SE-276)	1.44	34	62	542	500+	350	Excellent	Good	2000+	9H	8H	5B	100% Resistance	160 in-lbs/160 in-lbs
Copper Suede	H-310	250-300	1 mil	Flat	2	100 (Part # SE-275)	1.43	38	69	613	500+	400	Good	Good	2000+	9H	8H	5B	100% Resistance	160 in-lbs/160 in-lbs
Copper <sup>3</sup>	H-347	250-300	1 mil	Flat	3	100 (Part # SE-275)	1.40	39	50	622	500+	500+	Excellent	Good	2000+	9H	8H	5B	100% Resistance	160 in-lbs/160 in-lbs
Corvette Yellow	H-144	250-300	2 mil	Gloss	73	150 (Part # SE-276)	1.42	34	96	275	500+	350	Excellent	Fair	2000+	9H	8H	5B	100% Resistance	160 in-lbs/160 in-lbs
Coyote Tan	H-235	250-300	1 mil	Flat	3	150 (Part # SE-276)	1.42	38	89	607	500+	400	Excellent	Good	2000+	9H	8H	5B	100% Resistance	160 in-lbs/160 in-lbs
Cranberry Frost	H-320	250-300	1 mil	Flat	2	100 (Part # SE-275)	1.49	41	39	653	500+	400	Good	Excellent	2000+	9H	7H	5B	100% Resistance	160 in-lbs/160 in-lbs
Crimson	H-221	250-300	1 mil	Satin	29	150 (Part # SE-276)	1.36	33	52	521	500+	350	Excellent	Good	2000+	9H	8H	5B	100% Resistance	160 in-lbs/160 in-lbs
Crocodile	H-360	250-300	1 mil	Flat	1	100 (Part # SE-275)	1.38	32	111	508	500+	400	Excellent	Excellent	2000+	9H	9H	5B	100% Resistance	160 in-lbs/160 in-lbs
Crushed Orchid	H-314	250-300	1 mil	Flat	1	100 (Part # SE-275)	1.49	40	41	644	500+	300	Excellent	Poor	2000+	9H	8H	5B	100% Resistance	160 in-lbs/160 in-lbs
Crushed Silver	H-255	250-300	1 mil	Flat	6	100 (Part # SE-275)	1.38	29	40	461	500+	450	Excellent	Good	2000+	9H	8H	5B	100% Resistance	160 in-lbs/160 in-lbs
Desert Sage	H-247	250-300	1 mil	Flat	6	150 (Part # SE-276)	1.40	30	60	482	500+	350	Excellent	Good	2000+	9H	8H	5B	100% Resistance	160 in-lbs/160 in-lbs
Desert Sand	H-199	250-300	1 mil	Flat	2	150 (Part # SE-276)	1.42	33	117	535	500+	350	Excellent	Good	2000+	9H	8H	5B	100% Resistance	160 in-lbs/160 in-lbs
Desert Verde	H-256	250-300	1 mil	Flat	2	150 (Part # SE-276)	1.47	32	52	488	500+	350	Excellent	Good	2000+	9H	8H	5B	100% Resistance	160 in-lbs/160 in-lbs
Electric Yellow	H-166	250-300	2 mil	Semi Gloss	55	150 (Part # SE-276)	1.38	40	150	291	500+	300	Excellent	Fair	2000+	8H	7H	5B	100% Resistance	160 in-lbs/160 in-lbs
Electrical Barrier Coating	H-900	250	3 mil	Matte	8	150 (Part # SE-276)	1.45	40	175	272	500+	250	Excellent	Poor	2000+	9H	8H	5B	100% Resistance	160 in-lbs/160 in-lbs
Federal Brown	H-212	250-300	1 mil	Flat	3	150 (Part # SE-276)	1.46	29	62	473	500+	350	Excellent	Fair	2000+	9H	8H	5B	100% Resistance	160 in-lbs/160 in-lbs
Firehouse Red	H-216	250-300	1 mil	Matte	9	150 (Part # SE-276)	1.36	32	116	487	500+	350	Excellent	Fair	2000+	9H	8H	5B	100% Resistance	60 in-lbs/60 in-lbs
Flat Dark Earth	H-265	250-300	1 mil	Flat	4	150 (Part # SE-276)	1.43	31	78	487	500+	450	Excellent	Good	2000+	9H	8H	5B	100% Resistance	160 in-lbs/160 in-lbs
Forest Green	H-248	250-300	1 mil	Flat	2	150 (Part # SE-276)	1.44	34	53	543	500+	350	Excellent	Good	2000+	9H	8H	5B	100% Resistance	160 in-lbs/160 in-lbs
Frost <sup>3</sup>	H-312	250-300	1 mil	Flat	3	100 (Part # SE-275)	1.41	35	62	558	500+	300	Excellent	Poor	2000+	9H	8H	5B	100% Resistance	160 in-lbs/160 in-lbs
FS Brown Sand	H-30372	250-300	1 mil	Eggshell	11	150 (Part # SE-276)	1.46	31	74	494	500+	350	Excellent	Good	2000+	9H	8H	5B	100% Resistance	160 in-lbs/160 in-lbs
FS Field Drab	H-30118	250-300	1 mil	Flat	4	150 (Part # SE-276)	1.37	32	37	503	500+	350	Excellent	Good	2000+	9H	8H	5B	100% Resistance	160 in-lbs/160 in-lbs
FS Green	H-34094	250-300	1 mil	Flat	2	150 (Part # SE-276)	1.48	38	73	603	500+	450	Excellent	Excellent	2000+	9H	9H	5B	100% Resistance	160 in-lbs/160 in-lbs
FS Sabre Sand	H-33446	250-300	1 mil	Eggshell	13	150 (Part # SE-276)	1.43	31	45	498	500+	350	Excellent	Good	2000+	9H	8H	5B	100% Resistance	160 in-lbs/160 in-lbs
FS Tan	H-20180	250-300	1 mil	Matte	7	150 (Part # SE-276)	1.42	39	104	634	500+	350	Excellent	Good	2000+	9H	8H	5B	100% Resistance	160 in-lbs/160 in-lbs
Glock® FDE	H-261	250-300	1 mil	Flat	2	150 (Part # SE-276)	1.43	35	74	527	500+	450	Excellent	Good	2000+	9H	8H	5B	100% Resistance	160 in-lbs/160 in-lbs
Glock® Grey	H-184	250-300	1 mil	Flat	3	150 (Part # SE-276)	1.46	32	118	517	500+	450	Excellent	Good	2000+	9H	8H	5B	100% Resistance	160 in-lbs/160 in-lbs
Gloss Black	H-109	250-300	1 mil	Semi Gloss	51	150 (Part # SE-276)	1.34	43	94	686	500+	500+	Excellent	Good	2000+	9H	8H	5B	100% Resistance	160 in-lbs/160 in-lbs
Gold	H-122	250-300	1 mil	Flat	4	100 (Part # SE-275)	1.42	30	45	474	500+	350	Excellent	Fair	2000+	9H	8H	5B	100% Resistance	160 in-lbs/160 in-lbs
Graphite Black	H-146	250-300	1 mil	Matte	9	150 (Part # SE-276)	1.40	31	75	493	500+	500+	Excellent	Good	2000+	9H	8H	5B	100% Resistance	160 in-lbs/160 in-lbs

## TECHNICAL DATA SHEET

## H SERIES

Colors	Item No.	Recommended Cure Temp (F°)	Recommended Mil Thickness (mil)	Gloss Level*	Gloss Units*	Strainer Size (mesh)	Density (g/mL)	% Solids	Viscosity (cP)**	Theoretical Coverage per gal @ Recommended Mil Thickness (ft²)	Coating Stability (F°) Max. Temp.	Color Stability (F°) Max. Temp.	Chemical Resistance† (Common Solvents & Diesel)	UV Stability	Corrosion Resistance ASTM B117 (hrs)	Hardness† Gouge ASTM D3363	Hardness† Scratch ASTM D3363	Adhesion† (Crosscut Adhesion) ASTM D3359	Flexibility† (Conical Mandrel Bend) ASTM D522	Impact Performance† Direct /Indirect ASTM D2794
Green Mamba	H-351	250-300	1 mil	Eggshell	11	150 (Part # SE-276)	1.47	43	50	689	500+	300	Excellent	Fair	2000+	9H	8H	5B	100% Resistance	160 in-lbs/160 in-lbs
Gun Metal Grey	H-219	250-300	1 mil	Flat	3	100 (Part # SE-275)	1.46	36	50	573	500+	350	Excellent	Good	2000+	9H	8H	5B	100% Resistance	160 in-lbs/160 in-lbs
Habanero Red	H-318	250-300	1 mil	Eggshell	13	100 (Part # SE-275)	1.32	43	95	689	500+	400	Excellent	Good	2000+	9H	8H	5B	100% Resistance	160 in-lbs/160 in-lbs
Hazel Green	H-204	250-300	1 mil	Flat	3	150 (Part # SE-276)	1.38	32	56	508	500+	350	Excellent	Good	2000+	9H	8H	5B	100% Resistance	160 in-lbs/160 in-lbs
Hidden White	H-242	250	2 mil	Flat	3	150 (Part # SE-276)	1.43	38	65	302	500+	250	Excellent	Fair	2000+	9H	8H	5B	100% Resistance	160 in-lbs/160 in-lbs
High Gloss Armor Clear	H-300	250	.25 mil	High Gloss	176	325 (Part # SE-277)	1.26	25	8	1593	500+	350	Excellent	Fair	2000+	6H	7H	5B	100% Resistance	160 in-lbs/160 in-lbs
Highland Green	H-200	250-300	1 mil	Flat	1	150 (Part # SE-276)	1.40	29	115	471	500+	350	Excellent	Good	2000+	9H	8H	5B	100% Resistance	160 in-lbs/160 in-lbs
Hi-Vis Orange	H-346	250-300	2 mil	Flat	4	150 (Part # SE-276)	1.33	38	106	305	500+	350	Poor	Excellent	2000+	8H	7H	5B	100% Resistance	160 in-lbs/160 in-lbs
Hunter Orange	H-128	250	2 mil	Matte	8	150 (Part # SE-276)	1.33	32	78	254	500+	250	Good	Excellent	2000+	8H	7H	5B	100% Resistance	160 in-lbs/160 in-lbs
Ice Blue	H-356	250-300	1 mil	Matte	7	150 (Part # SE-276)	1.50	43	40	686	500+	300	Excellent	Poor	2000+	9H	8H	5B	100% Resistance	160 in-lbs/160 in-lbs
Island Green	H-353	250-300	1 mil	Flat	3	150 (Part # SE-276)	1.43	40	93	644	500+	300	Excellent	Poor	2000+	9H	8H	5B	100% Resistance	160 in-lbs/160 in-lbs
Jesse James Civil Defense Blue	H-401	250-300	1 mil	Flat	2	150 (Part # SE-276)	1.43	32	70	514	500+	300	Excellent	Poor	2000+	8H	7H	5B	100% Resistance	160 in-lbs/160 in-lbs
Jesse James Cold War Grey	H-402	250-300	1 mil	Matte	10	150 (Part # SE-276)	1.40	33	54	528	500+	350	Excellent	Fair	2000+	9H	8H	5B	100% Resistance	160 in-lbs/160 in-lbs
Jesse James Eastern Front Green	H-400	250-300	1 mil	Flat	3	150 (Part # SE-276)	1.40	31	99	504	500+	350	Excellent	Good	2000+	9H	8H	5B	100% Resistance	160 in-lbs/160 in-lbs
Kel-Tec® Navy Blue	H-127	250-300	1 mil	Eggshell	16	150 (Part # SE-276)	1.37	33	32	523	500+	350	Excellent	Good	2000+	9H	8H	5B	100% Resistance	160 in-lbs/160 in-lbs
Lemon Zest	H-354	250-300	2 mil	Semi Gloss	41	150 (Part # SE-276)	1.41	42	113	676	500+	350	Excellent	Fair	2000+	8H	7H	5B	100% Resistance	160 in-lbs/160 in-lbs
Light Sand	H-142	250-300	1 mil	Flat	6	150 (Part # SE-276)	1.43	34	65	545	500+	350	Excellent	Good	2000+	9H	8H	5B	100% Resistance	160 in-lbs/160 in-lbs
MagPul® Flat Dark Earth	H-267	250-300	1 mil	Flat	2	150 (Part # SE-276)	1.40	30	52	468	500+	350	Excellent	Good	2000+	9H	8H	5B	100% Resistance	160 in-lbs/160 in-lbs
MagPul® Foliage Green	H-231	250-300	1 mil	Flat	4	150 (Part # SE-276)	1.41	34	88	519	500+	350	Excellent	Good	2000+	9H	8H	5B	100% Resistance	160 in-lbs/160 in-lbs
MagPul® O.D. Green	H-232	250-300	1 mil	Flat	2	150 (Part # SE-276)	1.44	36	69	525	500+	450	Excellent	Good	2000+	9H	8H	5B	100% Resistance	160 in-lbs/160 in-lbs
MagPul® Stealth Grey	H-188	250-300	1 mil	Flat	3	150 (Part # SE-276)	1.41	32	39	516	500+	400	Excellent	Excellent	2000+	9H	8H	5B	100% Resistance	160 in-lbs/160 in-lbs
Matte Armor Clear	H-301	250	.25 mil	Semi Gloss	58	150 (Part # SE-276)	1.26	25	9	1625	500+	350	Excellent	Fair	2000+	9H	8H	5B	100% Resistance	160 in-lbs/160 in-lbs
McMillan® Tan	H-203	250-300	1 mil	Matte	8	150 (Part # SE-276)	1.43	32	40	502	500+	350	Excellent	Good	2000+	9H	8H	5B	100% Resistance	160 in-lbs/160 in-lbs
Midnight Blue	H-238	250-300	1 mil	Satin	22	150 (Part # SE-276)	1.45	34	73	527	500+	500+	Excellent	Good	2000+	9H	8H	5B	100% Resistance	160 in-lbs/160 in-lbs
Midnight Bronze	H-294	250-300	1 mil	Flat	2	100 (Part # SE-275)	1.42	33	44	525	500+	500+	Excellent	Good	2000+	9H	8H	5B	100% Resistance	160 in-lbs/160 in-lbs
Mil Spec Green	H-264	250-300	1 mil	Matte	8	150 (Part # SE-276)	1.42	36	46	574	500+	450	Excellent	Good	2000+	9H	8H	5B	100% Resistance	160 in-lbs/160 in-lbs
Mil Spec O.D. Green	H-240	250-300	1 mil	Flat	1	150 (Part # SE-276)	1.42	32	68	519	500+	450	Excellent	Good	2000+	9H	8H	5B	100% Resistance	160 in-lbs/160 in-lbs
Mojito	H-313	250-300	1 mil	Matte	9	100 (Part # SE-275)	1.51	43	54	690	500+	350	Excellent	Good	2000+	9H	8H	5B	100% Resistance	160 in-lbs/160 in-lbs
Mud Brown	H-225	250-300	1 mil	Matte	7	150 (Part # SE-276)	1.43	35	51	555	500+	350	Excellent	Fair	2000+	9H	8H	5B	100% Resistance	160 in-lbs/160 in-lbs
MultiCam® Bright Green	H-343	250-300	1 mil	Flat	6	150 (Part # SE-276)	1.47	39	136	624	500+	350	Excellent	Good	2000+	9H	8H	5B	100% Resistance	160 in-lbs/160 in-lbs
MultiCam® Dark Brown	H-342	250-300	1 mil	Flat	3	150 (Part # SE-276)	1.51	43	130	694	500+	400	Excellent	Excellent	2000+	9H	8H	5B	100% Resistance	160 in-lbs/160 in-lbs
MultiCam® Dark Green	H-341	250-300	1 mil	Flat	4	150 (Part # SE-276)	1.36	35	126	556	500+	350	Excellent	Good	2000+	9H	8H	5B	100% Resistance	160 in-lbs/160 in-lbs
MultiCam® Dark Grey	H-345	250-300	1 mil	Matte	10	150 (Part # SE-276)	1.46	40	56	645	500+	350	Excellent	Good	2000+	9H	8H	5B	100% Resistance	160 in-lbs/160 in-lbs
MultiCam® Light Green	H-340	250-300	1 mil	Matte	8	150 (Part # SE-276)	1.46	37	96	594	500+	350	Excellent	Good	2000+	9H	8H	5B	100% Resistance	160 in-lbs/160 in-lbs
MultiCam® Olive	H-344	250-300	1 mil	Flat	6	150 (Part # SE-276)	1.45	35	118	564	500+	400	Excellent	Good	2000+	9H	8H	5B	100% Resistance	160 in-lbs/160 in-lbs
MultiCam® Pale Green	H-339	250-300	1 mil	Flat	6	150 (Part # SE-276)	1.44	40	130	639	500+	350	Excellent	Good	2000+	9H	8H	5B	100% Resistance	160 in-lbs/160 in-lbs
Northern Lights	H-315	250-300	1 mil	Flat	1	100 (Part # SE-275)	1.50	42	50	673	500+	350	Excellent	Fair	2000+	9H	8H	5B	100% Resistance	160 in-lbs/160 in-lbs
Noveske Bazooka Green	H-189	250-300	1 mil	Flat	5	150 (Part # SE-276)	1.33	33	34	534	500+	350	Excellent	Good	2000+	9H	8H	5B	100% Resistance	160 in-lbs/160 in-lbs
Noveske Tiger Eye Brown	H-187	250-300	1 mil	Flat	5	150 (Part # SE-276)	1.45	33	32	527	500+	350	Excellent	Good	2000+	9H	8H	5B	100% Resistance	160 in-lbs/160 in-lbs
NRA Blue	H-171	250-300	1 mil	Flat	7	150 (Part # SE-276)	1.47	37	74	593	500+	300	Excellent	Fair	2000+	8H	5H	5B	100% Resistance	160 in-lbs/160 in-lbs
O.D. Green	H-236	250-300	1 mil	Flat	2	150 (Part # SE-276)	1.39	40	75	639	500+	450	Excellent	Good	2000+	9H	8H	5B	100% Resistance	160 in-lbs/160 in-lbs
Parakeet Green	H-331	250-300	1 mil	Matte	8	150 (Part # SE-276)	1.44	46	77	734	500+	350	Excellent	Poor	2000+	9H	8H	5B	100% Resistance	160 in-lbs/160 in-lbs
Patriot Blue	H-362	250	1 mil	Flat	4	100 (Part # SE-275)	1.38	37	89	596	500+	300	Excellent	Poor	2000+	9H	8H	5B	100% Resistance	160 in-lbs/160 in-lbs
Patriot Brown	H-226	250-300	1 mil	Flat	2	150 (Part # SE-276)	1.42	35	46	519	500+	450	Excellent	Good	2000+	9H	8H	5B	100% Resistance	160 in-lbs/160 in-lbs
Periwinkle†	H-357	250	1 mil	Flat	5	150 (Part # SE-276)	1.37	39	50	625	500+	300	Excellent	Poor	2000+	9H	8H	5B	100% Resistance	160 in-lbs/160 in-lbs
Pink Champagne	H-311	250-300	1 mil	Flat	4	100 (Part # SE-275)	1.36	33	121	525	500+	350	Excellent	Good	2000+	9H	8H	5B	100% Resistance	160 in-lbs/160 in-lbs
Pink Sherbet	H-328	250-300	1 mil	Matte	10	150 (Part # SE-276)	1.45	47	67	749	500+	350	Excellent	Poor	2000+	9H	8H	5B	100% Resistance	160 in-lbs/160 in-lbs
Platinum Grey†	H-337	250-300	1 mil	Flat	3	100 (Part # SE-275)	1.46	38	51	603	500+	450	Excellent	Good	2000+	9H	8H	5B	100% Resistance	160 in-lbs/160 in-lbs
Plum Brown	H-298	250-300	1 mil	Flat	5	150 (Part # SE-276)	1.46	32	70	510	500+	500+	Excellent	Good	2000+	9H	8H	5B	100% Resistance	160 in-lbs/160 in-lbs
Polar Blue	H-326	250-300	1 mil	Flat	3	100 (Part # SE-275)	1.42	40	57	637	500+	350	Excellent	Good	2000+	9H	8H	5B	100% Resistance	160 in-lbs/160 in-lbs
Prison Pink	H-141	250	2 mil	Flat	3	150 (Part # SE-276)	1.36	35	73	281	500+	250	Excellent	Poor	2000+	9H	8H	5B	100% Resistance	160 in-lbs/160 in-lbs
Purplex	H-332	250-300	1 mil	Flat	3	150 (Part # SE-276)	1.50	44	55	714	500+	300	Excellent	Poor	2000+	9H	8H	5B	100% Resistance	160 in-lbs/160 in-lbs
Rai 8000	H-8000	250-300	1 mil	Matte	8	150 (Part # SE-276)	1.32	32	39	507	500+	350	Excellent	Good	2000+	9H	8H	5B	100% Resistance	160 in-lbs/160 in-lbs
Ridgeway Blue	H-220	250-300	1 mil	Flat	3	150 (Part # SE-276)	1.44	38	69	538	500+	300	Excellent	Fair	2000+	9H	8H	5B	100% Resistance	160 in-lbs/160 in-lbs
Robin's Egg Blue	H-175	250-300	1 mil	Eggshell	17	150 (Part # SE-276)	1.48	40	70	645	500+	300	Excellent	Fair	2000+	9H	8H	5B	100% Resistance	160 in-lbs/160 in-lbs

## TECHNICAL DATA SHEET

## H SERIES

Colors	Item No.	Recommended Cure Temp (F°)	Recommended Mil Thickness (mil)	Gloss Level*	Gloss Units*	Strainer Size (mesh)	Density (g/mL)	% Solids	Viscosity (cP)**	Theoretical Coverage per gal @ Recommended Mil Thickness (ft <sup>2</sup> )	Coating Stability (F°) Max. Temp.	Color Stability (F°) Max. Temp.	Chemical Resistance <sup>†</sup> (Common Solvents & Diesel)	UV Stability	Corrosion Resistance ASTM B117 (hrs)	Hardness <sup>†</sup> Gouge ASTM D3363	Hardness <sup>†</sup> Scratch ASTM D3363	Adhesion <sup>†</sup> (Crosscut Adhesion) ASTM D3359	Flexibility <sup>†</sup> (Conical Mandrel Bend) ASTM D522	Impact Performance <sup>†</sup> Direct /Indirect ASTM D2794
Rose Gold	H-327	250-300	1 mil	Flat	6	100 (Part # SE-275)	1.41	37	135	593	500+	500+	Excellent	Poor	2000+	9H	8H	5B	100% Resistance	160 in-lbs/160 in-lbs
Ruby Red	H-306	250-300	1 mil	Eggshell	14	150 (Part # SE-276)	1.42	36	85	579	500+	350	Excellent	Fair	2000+	9H	8H	5B	100% Resistance	160 in-lbs/160 in-lbs
Sangria	H-348	250-300	1 mil	Eggshell	17	150 (Part # SE-276)	1.42	36	90	585	500+	350	Excellent	Fair	2000+	9H	8H	5B	100% Resistance	160 in-lbs/160 in-lbs
Satin Aluminum	H-151	250-300	1 mil	Eggshell	17	100 (Part # SE-275)	1.37	33	37	534	500+	500+	Excellent	Fair	2000+	9H	8H	5B	100% Resistance	160 in-lbs/160 in-lbs
Satin Mag	H-147	250-300	1 mil	Flat	3	100 (Part # SE-275)	1.38	27	47	434	500+	300	Excellent	Good	2000+	9H	8H	5B	100% Resistance	160 in-lbs/160 in-lbs
Savage® Stainless	H-150	250-300	1 mil	Flat	3	100 (Part # SE-275)	1.39	27	41	436	500+	300	Excellent	Good	2000+	9H	8H	5B	100% Resistance	160 in-lbs/160 in-lbs
Sea Blue	H-172	250-300	1 mil	Flat	3	150 (Part # SE-276)	1.45	37	60	596	500+	300	Excellent	Fair	2000+	9H	8H	5B	100% Resistance	160 in-lbs/160 in-lbs
Sedona	H-333	250-300	1 mil	Flat	5	150 (Part # SE-276)	1.40	33	74	527	500+	350	Excellent	Excellent	2000+	9H	8H	5B	100% Resistance	160 in-lbs/160 in-lbs
Shimmer Aluminum	H-158	250-300	1 mil	Flat	4	100 (Part # SE-275)	1.38	29	75	467	500+	350	Excellent	Good	2000+	9H	8H	5B	100% Resistance	160 in-lbs/160 in-lbs
Sig™ Dark Grey	H-210	250-300	1 mil	Flat	3	150 (Part # SE-276)	1.45	34	44	544	500+	450	Excellent	Good	2000+	9H	8H	5B	100% Resistance	160 in-lbs/160 in-lbs
Sig™ Pink	H-224	250-300	2 mil	Matte	7	150 (Part # SE-276)	1.36	36	120	285	500+	350	Excellent	Poor	2000+	9H	8H	5B	100% Resistance	160 in-lbs/160 in-lbs
Sky Blue	H-169	250-300	1 mil	Flat	5	150 (Part # SE-276)	1.42	36	87	582	500+	300	Excellent	Poor	2000+	9H	8H	5B	100% Resistance	160 in-lbs/160 in-lbs
Smoked Bronze	H-359	250-300	1 mil	Flat	1	100 (Part # SE-275)	1.43	35	96	554	500+	400	Excellent	Good	2000+	9H	8H	5B	100% Resistance	160 in-lbs/160 in-lbs
Sniper Green	H-229	250-300	1 mil	Flat	2	150 (Part # SE-276)	1.36	34	89	551	500+	350	Excellent	Good	2000+	9H	8H	5B	100% Resistance	160 in-lbs/160 in-lbs
Sniper Grey	H-234	250-300	1 mil	Flat	1	100 (Part # SE-275)	1.41	39	61	624	500+	450	Excellent	Good	2000+	9H	8H	5B	100% Resistance	160 in-lbs/160 in-lbs
Snow White	H-136	250	2 mil	Flat	5	150 (Part # SE-276)	1.60	45	136	361	500+	250	Excellent	Poor	2000+	9H	8H	5B	100% Resistance	160 in-lbs/160 in-lbs
Socom Blue	H-245	250-300	1 mil	Matte	8	150 (Part # SE-276)	1.36	33	48	535	500+	450	Excellent	Good	2000+	9H	8H	5B	100% Resistance	160 in-lbs/160 in-lbs
Springfield® FDE	H-305	250-300	1 mil	Flat	3	150 (Part # SE-276)	1.44	36	57	585	500+	450	Excellent	Good	2000+	9H	8H	5B	100% Resistance	160 in-lbs/160 in-lbs
Springfield® Grey	H-304	250-300	1 mil	Flat	3	150 (Part # SE-276)	1.46	43	78	686	500+	450	Excellent	Good	2000+	9H	8H	5B	100% Resistance	160 in-lbs/160 in-lbs
Squatch Green	H-316	250-300	1 mil	Flat	1	100 (Part # SE-275)	1.51	40	49	644	500+	350	Excellent	Good	2000+	9H	8H	5B	100% Resistance	160 in-lbs/160 in-lbs
Stainless	H-152	250-300	1 mil	Flat	2	100 (Part # SE-275)	1.42	30	32	466	500+	350	Excellent	Good	2000+	9H	8H	5B	100% Resistance	160 in-lbs/160 in-lbs
Steel Grey	H-139	250-300	1 mil	Flat	3	150 (Part # SE-276)	1.41	33	53	525	500+	350	Excellent	Excellent	2000+	9H	8H	5B	100% Resistance	160 in-lbs/160 in-lbs
Stone Grey	H-262	250-300	1 mil	Flat	2	150 (Part # SE-276)	1.39	29	26	458	500+	450	Excellent	Good	2000+	9H	8H	5B	100% Resistance	160 in-lbs/160 in-lbs
Stormtrooper White	H-297	250	2 mil	High Gloss	87	150 (Part # SE-276)	1.58	48	60	383	500+	250	Excellent	Poor	2000+	9H	8H	5B	100% Resistance	160 in-lbs/160 in-lbs
Sunflower	H-317	250-300	2 mil	Flat	4	100 (Part # SE-275)	1.42	36	72	287	500+	350	Excellent	Good	2000+	9H	8H	5B	100% Resistance	160 in-lbs/160 in-lbs
Tactical Grey	H-227	250-300	1 mil	Flat	2	100 (Part # SE-275)	1.45	35	74	564	500+	400	Excellent	Good	2000+	9H	8H	5B	100% Resistance	160 in-lbs/160 in-lbs
Tequila Sunrise	H-309	250-300	1 mil	Flat	2	100 (Part # SE-275)	1.49	40	44	645	500+	350	Good	Good	2000+	9H	8H	5B	100% Resistance	160 in-lbs/160 in-lbs
Terra Cotta	H-325	250-300	1 mil	Satin	23	150 (Part # SE-276)	1.41	43	80	689	500+	400	Excellent	Fair	2000+	9H	8H	5B	100% Resistance	160 in-lbs/160 in-lbs
Titanium	H-170	250-300	1 mil	Flat	3	100 (Part # SE-275)	1.38	27	39	435	500+	350	Excellent	Good	2000+	9H	8H	5B	100% Resistance	160 in-lbs/160 in-lbs
Troy® Coyote Tan	H-268	250-300	1 mil	Flat	4	150 (Part # SE-276)	1.43	34	60	576	500+	350	Excellent	Good	2000+	9H	8H	5B	100% Resistance	160 in-lbs/160 in-lbs
Tungsten	H-237	250-300	1 mil	Flat	3	100 (Part # SE-275)	1.42	29	31	471	500+	450	Excellent	Good	2000+	9H	8H	5B	100% Resistance	160 in-lbs/160 in-lbs
USMC Red	H-167	250-300	1 mil	Satin	26	150 (Part # SE-276)	1.36	32	146	519	500+	350	Excellent	Fair	2000+	9H	8H	5B	100% Resistance	160 in-lbs/160 in-lbs
Vortex® Bronze	H-293	250-300	1 mil	Flat	1	100 (Part # SE-275)	1.43	33	53	527	500+	500+	Excellent	Good	2000+	9H	8H	5B	100% Resistance	160 in-lbs/160 in-lbs
Wild Purple	H-197	250-300	2 mil	Flat	3	150 (Part # SE-276)	1.46	40	87	319	500+	300	Excellent	Poor	2000+	9H	8H	5B	100% Resistance	160 in-lbs/160 in-lbs
Zombie Green	H-168	250-300	1 mil	Flat	2	150 (Part # SE-276)	1.44	36	49	568	500+	350	Excellent	Fair	2000+	9H	8H	5B	100% Resistance	120 in-lbs/120 in-lbs

**All data is based on the following conditions:**  
18:1 catalyst ratio, 15 minute ambient flash after application and prior to going into oven, 250°F cure for 2 hours.

**Testing ranges per recommended mil thickness:**

.25 mil: .05 - .35  
1 mil: .90 - 1.20  
2 mil: 1.85 - 2.20

**\*Gloss units and levels:**

Gloss units and levels are measured at a 60° angle, 18:1 catalyst ratio, 15 minute ambient flash after application and prior to going into oven, 250°F cure for 2 hours. Adjustments to these conditions will yield different results. Gloss is affected by spray technique and quality of preparation and finish.

**\*\*Viscosity:**

Viscosity measured under ambient conditions (air temperature, relative humidity) at the time of manufacture.

**Recommended Cure Temperature:**

Cerakote® can be cured at the maximum Recommended Cure Temperature listed on the TDS and based on color and substrate. Curing between 180°F - 250°F is done for 2 hours. Curing at 300°F degrees is done for 1 hour. Please reference the Cerakote® Elite and H-Series Application Guide for additional cure schedule information.

**†Chemical Resistance Testing:**

Results refer to color change based on CIE76 formulation. Results range from:

**Excellent:** ΔE change of <2.5  
**Good:** ΔE change of <3.0  
**Fair:** ΔE change of <3.5  
**Poor:** ΔE change of <4.0

**‡Maximum Temperature:** Maximum Temperature is the temperature to which the color or coating is stable.

**†Testing parameters are as follows:**

**Hardness:** Hardness or Pencil Hardness Tests are measured from softest to hardest as follows: 9B, 8B, 7B, 6B, 5B, 4B, 3B, 2B, B, HB, F, 2H, 3H, 4H, 5H, 6H, 7H, 8H, 9H. 9H is the hardest.

**Adhesion:** Adhesion is measured on a scale of 0B, 1B, 2B, 3B, 4B, 5B, with 5B being the highest achievable rating.

**Flexibility:** Flexibility or Conical Mandrel Bend: "100% Resistance" is the highest achievable rating and indicates that the coating did not crack or spall.

**Impact:** Impact Performance is measured on a scale of 0 inch-lbs. to 160 inch-lbs., with 160 inch-lbs. being the highest achievable rating.

**§ H-312 Frost, H-347 Copper, H-337 Platinum Grey, H-357 Periwinkle: require 20+ minute flash between stenciling.**

All Cerakote coatings are VOC compliant under the EPA and have low to no VOC content. To find out the VOC content of an individual coating please contact sds@nicindustries.com for more information.

This information is accurate to the best of our knowledge, however, it shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

Please feel free to email us at info@cerakote.com or call us at 1-866-774-7628 if you have any questions.