CERAKOTE®

AN INNOVATION OF
NIC INDUSTRIES, INC.

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7050 6th Street

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^2)	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 §	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$	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$	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

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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^2)	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
Purplexed	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
Ral 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

AN INNOVATION OF
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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^2)	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
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	33	150 (Part # SE-276)	1.36	33	175	606	500+	350	Excellent	Good	2000+	8H	7H	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 recommneded 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.

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