

Colors	Item No.	Recommended Cure Temp (F°) <sup>1</sup>	Recommended Mil Thickness (mil)	Gloss Level*	Gloss Units*	Strainer Size (mesh)	Density (g/mL)	% Solids	Viscosity (cP)**
A.I. Dark Earth	H-250	250-300	1.0 - 2.0	Flat	1	150 (Part # SE-276)	1.39	30	71
Armor Black	H-190	250-300	1.0 - 2.0	Flat	2	150 (Part # SE-276)	1.41	31	50
Barrett® Bronze	H-259	250-300	1.0 - 2.0	Flat	5	150 (Part # SE-276)	1.38	30	50
Barrett® Brown	H-269	250-300	1.0 - 2.0	Flat	2	150 (Part # SE-276)	1.43	32	67
Battleship Grey	H-213	250-300	1.0 - 2.0	Matte	7	150 (Part # SE-276)	1.44	37	445
Bazooka Pink	H-244	250-300	2.0 - 3.0	Eggshell	18	150 (Part # SE-276)	1.47	36	79
Benelli® Sand	H-143	250-300	1.0 - 2.0	Flat	5	150 (Part # SE-276)	1.41	32	72
Blue Raspberry	H-329	250-300	1.0 - 2.0	Flat	6	150 (Part # SE-276)	1.47	45	48
Blue Titanium	H-185	250-300	1.0 - 2.0	Flat	1	100 (Part # SE-275)	1.43	34	58
Bright Nickel	H-157	250-300	1.0 - 2.0	Flat	3	100 (Part # SE-275)	1.40	33	46
Bright Purple	H-217	250	2.0 - 3.0	Matte	8	150 (Part # SE-276)	1.44	36	47
Bright White	H-140	250	2.0 - 3.0	Semi Gloss	40	150 (Part # SE-276)	1.47	37	75
Burnt Bronze	H-148	250-300	1.0 - 2.0	Flat	1	100 (Part # SE-275)	1.43	35	81
Cadex Tan	H-308	250-300	1.0 - 2.0	Flat	3	150 (Part # SE-276)	1.39	36	72
Charcoal Green	H-338	250-300	1.0 - 2.0	Flat	3	100 (Part # SE-275)	1.46	38	75
Chocolate Brown	H-258	250-300	1.0 - 2.0	Flat	3	150 (Part # SE-276)	1.41	28	40
Citron	H-324	250-300	2.0 - 3.0	Eggshell	16	150 (Part # SE-276)	1.51	48	38
Cobalt	H-112	250-300	1.0 - 2.0	Flat	1	100 (Part # SE-275)	1.48	33	55
Cobalt Kinetics™ Green	H-296	250-300	1.0 - 2.0	Flat	1	100 (Part # SE-275)	1.38	34	100
Cobalt Kinetics™ Slate	H-295	250-300	1.0 - 2.0	Flat	1	100 (Part # SE-275)	1.38	34	84
Combat Grey	H-130	250-300	1.0 - 2.0	Flat	1	150 (Part # SE-276)	1.42	36	80
Copper	H-347	250-300	1.0 - 2.0	Flat	3	100 (Part # SE-275)	1.40	39	50
Copper Brown	H-149	250-300	1.0 - 2.0	Flat	2	150 (Part # SE-276)	1.43	34	62
Copper Suede	H-310	250-300	1.0 - 2.0	Flat	2	100 (Part # SE-275)	1.43	38	69
Corvette Yellow	H-144	250-300	2.0 - 3.0	Gloss	73	150 (Part # SE-276)	1.41	34	96
Coyote Tan	H-235	250-300	1.0 - 2.0	Flat	3	150 (Part # SE-276)	1.43	38	89
Crimson	H-221	250-300	1.0 - 2.0	Satin	29	150 (Part # SE-276)	1.40	33	52
Crushed Orchid	H-314	250-300	1.0 - 2.0	Flat	1	100 (Part # SE-275)	1.49	40	41
Crushed Silver	H-255	250-300	1.0 - 2.0	Flat	6	100 (Part # SE-275)	1.34	29	40
Desert Sage	H-247	250-300	1.0 - 2.0	Flat	6	150 (Part # SE-276)	1.39	30	60
Desert Sand	H-199	250-300	1.0 - 2.0	Flat	2	150 (Part # SE-276)	1.44	33	117
Desert Verde	H-256	250-300	1.0 - 2.0	Flat	2	150 (Part # SE-276)	1.39	32	52
Electric Yellow	H-166	250-300	2.0 - 3.0	Semi Gloss	55	150 (Part # SE-276)	1.37	40	150
Electrical Barrier Coating	H-900	250	3.0 - 4.0	Matte	8	150 (Part # SE-276)	1.45	40	175
Federal Brown	H-212	250-300	1.0 - 2.0	Flat	3	150 (Part # SE-276)	1.40	29	62
Flat Dark Earth	H-265	250-300	1.0 - 2.0	Flat	4	150 (Part # SE-276)	1.40	31	78
Forest Green	H-248	250-300	1.0 - 2.0	Flat	2	150 (Part # SE-276)	1.42	34	53
Frost	H-312	250-300	1.0 - 2.0	Flat	3	100 (Part # SE-275)	1.41	35	62
FS Brown Sand	H-30372	250-300	1.0 - 2.0	Eggshell	11	150 (Part # SE-276)	1.39	31	74
FS Field Drab	H-30118	250-300	1.0 - 2.0	Flat	4	150 (Part # SE-276)	1.43	32	37
FS Sabre Sand	H-33446	250-300	1.0 - 2.0	Eggshell	13	150 (Part # SE-276)	1.40	31	45
FS Tan	H-20180	250-300	1.0 - 2.0	Matte	7	150 (Part # SE-276)	1.44	39	104
Glock® FDE	H-261	250-300	1.0 - 2.0	Flat	2	150 (Part # SE-276)	1.43	35	74
Glock® Grey	H-184	250-300	1.0 - 2.0	Flat	3	150 (Part # SE-276)	1.40	32	118
Gloss Black	H-109	250-300	1.0 - 2.0	Semi Gloss	51	150 (Part # SE-276)	1.33	43	94
Gold	H-122	250-300	1.0 - 2.0	Flat	4	100 (Part # SE-275)	1.43	30	45
Graphite Black	H-146	250-300	1.0 - 2.0	Matte	9	150 (Part # SE-276)	1.41	31	75
Gun Metal Grey	H-219	250-300	1.0 - 2.0	Flat	3	100 (Part # SE-275)	1.46	36	50
Habanero Red	H-318	250-300	1.0 - 2.0	Eggshell	13	100 (Part # SE-275)	1.45	43	95
Hazel Green	H-204	250-300	1.0 - 2.0	Flat	3	150 (Part # SE-276)	1.40	32	56
Hidden White	H-242	250	2.0 - 3.0	Flat	3	150 (Part # SE-276)	1.43	38	65
High Gloss Armor Clear <sup>5</sup>	H-300	200-250	0.25 - 0.75	High Gloss	176	325 (Part # SE-277)	1.26	25	8
Highland Green	H-200	250-300	1.0 - 2.0	Flat	1	150 (Part # SE-276)	1.38	29	115
Hi-Vis Orange	H-346	250-300	2.0 - 3.0	Flat	4	150 (Part # SE-276)	1.33	38	106
Hunter Orange	H-128	250	2.0 - 3.0	Matte	8	150 (Part # SE-276)	1.34	32	78
Jesse James Civil Defense Blue	H-401	250-300	1.0 - 2.0	Flat	2	150 (Part # SE-276)	1.37	32	70
Jesse James Cold War Grey	H-402	250-300	1.0 - 2.0	Matte	10	150 (Part # SE-276)	1.42	33	54
Jesse James Eastern Front Green	H-400	250-300	1.0 - 2.0	Flat	3	150 (Part # SE-276)	1.39	31	99
Kel-Tec® Navy Blue	H-127	250-300	1.0 - 2.0	Eggshell	16	150 (Part # SE-276)	1.43	33	32
Light Sand	H-142	250-300	1.0 - 2.0	Flat	6	150 (Part # SE-276)	1.45	34	65
MagPul® Flat Dark Earth	H-267	250-300	1.0 - 2.0	Flat	2	150 (Part # SE-276)	1.41	30	52
MagPul® Foliage Green	H-231	250-300	1.0 - 2.0	Flat	4	150 (Part # SE-276)	1.39	34	88

# H Series Technical Data Sheet (TDS) Cont.

Colors	Item No.	Recommended Cure Temp (F°)†	Recommended Mil Thickness (mil)	Gloss Level*	Gloss Units*	Strainer Size (mesh)	Density (g/mL)	% Solids	Viscosity (cP)**
MagPul® O.D. Green	H-232	250-300	1.0 - 2.0	Flat	2	150 (Part # SE-276)	1.42	36	69
MagPul® Stealth Grey	H-188	250-300	1.0 - 2.0	Flat	2	150 (Part # SE-276)	1.40	32	39
Matte Armor Clear <sup>§</sup>	H-301	200-250	0.25 - 0.75	Semi Gloss	58	325 (Part # SE-277)	1.26	25	9
Matte Brown	H-7504	250-300	1.0 - 2.0	Flat	4	150 (Part # SE-276)	1.38	32	77
McMillan® Tan	H-203	250-300	1.0 - 2.0	Matte	8	150 (Part # SE-276)	1.39	32	40
Midnight Blue	H-238	250-300	1.0 - 2.0	Satin	22	150 (Part # SE-276)	1.44	34	73
Midnight Bronze	H-294	250-300	1.0 - 2.0	Flat	2	100 (Part # SE-275)	1.41	33	44
Mil Spec Green	H-264	250-300	1.0 - 2.0	Matte	8	150 (Part # SE-276)	1.47	36	46
Mil Spec O.D. Green	H-240	250-300	1.0 - 2.0	Flat	1	150 (Part # SE-276)	1.42	32	68
Mojito	H-313	250-300	1.0 - 2.0	Matte	9	100 (Part # SE-275)	1.51	43	54
Mud Brown	H-225	250-300	1.0 - 2.0	Matte	7	150 (Part # SE-276)	1.45	35	51
MultiCam® Bright Green	H-343	250-300	1.0 - 2.0	Flat	6	150 (Part # SE-276)	1.46	39	136
MultiCam® Dark Brown	H-342	250-300	1.0 - 2.0	Flat	3	150 (Part # SE-276)	1.51	43	130
MultiCam® Dark Green	H-341	250-300	1.0 - 2.0	Flat	4	150 (Part # SE-276)	1.41	35	126
MultiCam® Dark Grey	H-345	250-300	1.0 - 2.0	Matte	10	150 (Part # SE-276)	1.46	40	56
MultiCam® Light Green	H-340	250-300	1.0 - 2.0	Matte	8	150 (Part # SE-276)	1.46	37	96
MultiCam® Olive	H-344	250-300	1.0 - 2.0	Flat	6	150 (Part # SE-276)	1.45	35	118
MultiCam® Pale Green	H-339	250-300	1.0 - 2.0	Flat	6	150 (Part # SE-276)	1.44	40	130
Northern Lights	H-315	250-300	1.0 - 2.0	Flat	1	100 (Part # SE-275)	1.51	42	50
Noveske Bazooka Green	H-189	250-300	1.0 - 2.0	Flat	5	150 (Part # SE-276)	1.41	33	34
Noveske Tiger Eye Brown	H-187	250-300	1.0 - 2.0	Flat	5	150 (Part # SE-276)	1.43	33	32
NRA Blue	H-171	250-300	1.0 - 2.0	Flat	4	150 (Part # SE-276)	1.39	35	67
O.D. Green	H-236	250-300	1.0 - 2.0	Flat	2	150 (Part # SE-276)	1.49	40	75
Parakeet Green	H-331	250-300	1.0 - 2.0	Matte	8	150 (Part # SE-276)	1.45	46	77
Patriot Brown	H-226	250-300	1.0 - 2.0	Flat	2	150 (Part # SE-276)	1.43	35	46
Pink Champagne	H-311	250-300	1.0 - 2.0	Flat	4	100 (Part # SE-275)	1.37	33	121
Pink Sherbet	H-328	250-300	1.0 - 2.0	Matte	10	150 (Part # SE-276)	1.45	47	67
Platinum Grey	H-337	250-300	1.0 - 2.0	Flat	3	100 (Part # SE-275)	1.46	38	51
Plum Brown	H-298	250-300	1.0 - 2.0	Flat	5	150 (Part # SE-276)	1.42	32	70
Polar Blue	H-326	250-300	1.0 - 2.0	Flat	3	100 (Part # SE-275)	1.45	40	57
Prison Pink	H-141	250	2.0 - 3.0	Flat	3	150 (Part # SE-276)	1.36	35	73
Purplexed	H-332	250-300	1.0 - 2.0	Flat	3	150 (Part # SE-276)	1.48	44	55
Ral 8000	H-8000	250-300	1.0 - 2.0	Matte	8	150 (Part # SE-276)	1.41	32	39
Ridgeway Blue	H-220	250-300	1.0 - 2.0	Flat	3	150 (Part # SE-276)	1.45	38	69
Robin's Egg Blue	H-175	250-300	1.0 - 2.0	Eggshell	17	150 (Part # SE-276)	1.47	40	70
Rose Gold	H-327	250-300	1.0 - 2.0	Flat	6	100 (Part # SE-275)	1.42	37	135
Ruby Red	H-306	250-300	1.0 - 2.0	Eggshell	14	150 (Part # SE-276)	1.42	36	85
Satin Aluminum	H-151	250-300	1.0 - 2.0	Eggshell	17	100 (Part # SE-275)	1.38	33	37
Satin Mag	H-147	250-300	1.0 - 2.0	Flat	3	100 (Part # SE-275)	1.37	27	47
Savage® Stainless	H-150	250-300	1.0 - 2.0	Flat	3	100 (Part # SE-275)	1.39	27	41
Sea Blue	H-172	250-300	1.0 - 2.0	Flat	3	150 (Part # SE-276)	1.49	37	60
Shimmer Aluminum	H-158	250-300	1.0 - 2.0	Flat	4	100 (Part # SE-275)	1.38	29	75
Sig™ Dark Grey	H-210	250-300	1.0 - 2.0	Flat	3	150 (Part # SE-276)	1.45	34	44
Sig™ Pink	H-224	250-300	2.0 - 3.0	Matte	7	150 (Part # SE-276)	1.38	36	120
Sky Blue	H-169	250-300	1.0 - 2.0	Flat	5	150 (Part # SE-276)	1.42	36	87
Smith & Wesson® Grey	H-214	250-300	1.0 - 2.0	Matte	7	150 (Part # SE-276)	1.46	35	152
Smith & Wesson® Red	H-216	250-300	1.0 - 2.0	Matte	9	150 (Part # SE-276)	1.37	32	116
Smith & Wesson® Tan	H-307	250-300	1.0 - 2.0	Flat	3	150 (Part # SE-276)	1.46	35	98
Sniper Green	H-229	250-300	1.0 - 2.0	Flat	2	150 (Part # SE-276)	1.38	34	89
Sniper Grey	H-234	250-300	1.0 - 2.0	Flat	1	100 (Part # SE-275)	1.45	39	61
Snow White	H-136	250	2.0 - 3.0	Flat	5	150 (Part # SE-276)	1.55	45	136
Socom Blue	H-245	250-300	1.0 - 2.0	Matte	8	150 (Part # SE-276)	1.45	33	48
Springfield® FDE	H-305	250-300	1.0 - 2.0	Flat	3	150 (Part # SE-276)	1.42	36	57
Springfield® Grey	H-304	250-300	1.0 - 2.0	Flat	3	150 (Part # SE-276)	1.45	43	78
Squatch Green	H-316	250-300	1.0 - 2.0	Flat	1	100 (Part # SE-275)	1.51	40	49
Stainless	H-152	250-300	1.0 - 2.0	Flat	2	100 (Part # SE-275)	1.44	30	32
Steel Grey	H-139	250-300	1.0 - 2.0	Matte	9	150 (Part # SE-276)	1.43	33	46
Stone Grey	H-262	250-300	1.0 - 2.0	Flat	2	150 (Part # SE-276)	1.39	29	26
Stormtrooper White	H-297	250	2.0 - 3.0	High Gloss	87	150 (Part # SE-276)	1.63	48	60
Sunflower	H-317	250-300	2.0 - 3.0	Flat	4	100 (Part # SE-275)	1.42	36	72
Tactical Grey	H-227	250-300	1.0 - 2.0	Flat	2	100 (Part # SE-275)	1.46	35	74
Tequila Sunrise	H-309	250-300	1.0 - 2.0	Flat	2	100 (Part # SE-275)	1.49	40	44

# H Series Technical Data Sheet (TDS) Cont.

Colors	Item No.	Recommended Cure Temp (F°) <sup>†</sup>	Recommended Mil Thickness (mil)	Gloss Level*	Gloss Units*	Strainer Size (mesh)	Density (g/mL)	% Solids	Viscosity (cP)**
Titanium	H-170	250-300	1.0 - 2.0	Flat	3	100 (Part # SE-275)	1.38	27	39
Troy® Coyote Tan	H-268	250-300	1.0 - 2.0	Flat	4	150 (Part # SE-276)	1.43	34	60
Tungsten	H-237	250-300	1.0 - 2.0	Flat	3	100 (Part # SE-275)	1.45	29	31
USMC Red	H-167	250-300	1.0 - 2.0	Satin	26	150 (Part # SE-276)	1.37	32	146
Vortex® Bronze	H-293	250-300	1.0 - 2.0	Flat	1	100 (Part # SE-275)	1.43	33	53
Wild Purple	H-197	250-300	2.0 - 3.0	Flat	3	150 (Part # SE-276)	1.47	40	87
Zombie Green	H-168	250-300	1.0 - 2.0	Flat	2	150 (Part # SE-276)	1.45	36	49

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

\***Gloss units** and levels are measured at a 60° angle, 18:1 catalyst ratio, 1 - 2 mil dry film thickness, 15 minutes 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** measured at ambient 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** is the temperature to which the color or coating is stable.

†**Testing parameters** are as follows:

- **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** is measured on a scale of 0B, 1B, 2B, 3B, 4B, 5B, with 5B being the highest achievable rating.
- **Flexibility** or Conical Mandrel Bend: "100% Resistance" is the highest achievable rating and indicates that the coating did not crack or spall.
- **Impact Performance** is measured on a scale of 0 inch-lbs. to 160 inch-lbs., with 160 inch-lbs. being the highest achievable rating.

§**Data for product shipped after 11/18/19.**

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](mailto:info@cerakote.com) or call us at 1-866-774-7628 if you have any questions.

# H Series Technical Data Sheet (TDS) Cont.

Colors	Item No.	Corrosion Resistance ASTM B117 (hours)	Coating Stability (F°) Max. Temp.	Color Stability (F°) Max. Temp.	Non-Exempt VOC Content per US EPA Regulation (ppm)	Chemical Resistance <sup>†</sup> (Common Solvents & Diesel)	UV Stability
A.I. Dark Earth	H-250	2000+	500+	350	0	Excellent	Good
Armor Black	H-190	2000+	500+	500+	0	Excellent	Good
Barrett® Bronze	H-259	2000+	500+	500+	0	Excellent	Good
Barrett® Brown	H-269	2000+	500+	400	0	Excellent	Good
Battleship Grey	H-213	2000+	500+	350	0	Excellent	Good
Bazooka Pink	H-244	2000+	500+	300	0	Excellent	Poor
Benelli® Sand	H-143	2000+	500+	350	0	Excellent	Good
Blue Raspberry	H-329	2000+	500+	300	0	Excellent	Poor
Blue Titanium	H-185	2000+	500+	300	0	Excellent	Good
Bright Nickel	H-157	2000+	500+	350	0	Excellent	Good
Bright Purple	H-217	2000+	500+	250	0	Excellent	Poor
Bright White	H-140	2000+	500+	250	0	Excellent	Poor
Burnt Bronze	H-148	2000+	500+	350	0	Fair	Good
Cadex Tan	H-308	2000+	500+	450	0	Excellent	Good
Charcoal Green	H-338	2000+	500+	400	0	Excellent	Fair
Chocolate Brown	H-258	2000+	500+	500+	0	Excellent	Good
Citron	H-324	2000+	500+	300	0	Good	Poor
Cobalt	H-112	2000+	500+	500+	0	Excellent	Good
Cobalt Kinetics™ Green	H-296	2000+	500+	350	0	Excellent	Good
Cobalt Kinetics™ Slate	H-295	2000+	500+	350	0	Excellent	Good
Combat Grey	H-130	2000+	500+	350	0	Excellent	Fair
Copper	H-347	2000+	500+	500+	0	Excellent	Good
Copper Brown	H-149	2000+	500+	350	0	Excellent	Good
Copper Suede	H-310	2000+	500+	400	0	Good	Good
Corvette Yellow	H-144	2000+	500+	350	0	Excellent	Fair
Coyote Tan	H-235	2000+	500+	400	0	Excellent	Good
Crimson	H-221	2000+	500+	350	0	Excellent	Good
Crushed Orchid	H-314	2000+	500+	300	0	Excellent	Poor
Crushed Silver	H-255	2000+	500+	450	0	Excellent	Good
Desert Sage	H-247	2000+	500+	350	0	Excellent	Good
Desert Sand	H-199	2000+	500+	350	0	Excellent	Good
Desert Verde	H-256	2000+	500+	350	0	Excellent	Good
Electric Yellow	H-166	2000+	500+	300	0	Excellent	Fair
Electrical Barrier Coating	H-900	2000+	500+	250	0	Excellent	Poor
Federal Brown	H-212	2000+	500+	350	0	Excellent	Fair
Flat Dark Earth	H-265	2000+	500+	450	0	Excellent	Good
Forest Green	H-248	2000+	500+	350	0	Excellent	Good
Frost	H-312	2000+	500+	300	0	Excellent	Poor
FS Brown Sand	H-30372	2000+	500+	350	0	Excellent	Good
FS Field Drab	H-30118	2000+	500+	350	0	Excellent	Good
FS Sabre Sand	H-33446	2000+	500+	350	0	Excellent	Good
FS Tan	H-20180	2000+	500+	350	0	Excellent	Good
Glock® FDE	H-261	2000+	500+	450	0	Excellent	Good
Glock® Grey	H-184	2000+	500+	450	0	Excellent	Good
Gloss Black	H-109	2000+	500+	500+	0	Excellent	Good
Gold	H-122	2000+	500+	350	0	Excellent	Fair
Graphite Black	H-146	2000+	500+	500+	0	Excellent	Good
Gun Metal Grey	H-219	2000+	500+	350	0	Excellent	Good
Habanero Red	H-318	2000+	500+	400	0	Excellent	Good
Hazel Green	H-204	2000+	500+	350	0	Excellent	Good
Hidden White	H-242	2000+	500+	250	0	Excellent	Fair
High Gloss Armor Clear <sup>5</sup>	H-300	2000+	500+	350	0	Excellent	Fair
Highland Green	H-200	2000+	500+	350	0	Excellent	Good
Hi-Vis Orange	H-346	2000+	500+	350	0	Poor	Excellent
Hunter Orange	H-128	2000+	500+	250	0	Good	Excellent
Jesse James Civil Defense Blue	H-401	2000+	500+	300	0	Excellent	Fair
Jesse James Cold War Grey	H-402	2000+	500+	350	0	Excellent	Good
Jesse James Eastern Front Green	H-400	2000+	500+	350	0	Excellent	Good
Kel-Tec® Navy Blue	H-127	2000+	500+	350	0	Excellent	Good
Light Sand	H-142	2000+	500+	350	0	Excellent	Good

# H Series Technical Data Sheet (TDS) Cont.

Colors	Item No.	Corrosion Resistance ASTM B117 (hours)	Coating Stability (F°) Max. Temp.	Color Stability (F°) Max. Temp.	Non-Exempt VOC Content per US EPA Regulation (ppm)	Chemical Resistance <sup>†</sup> (Common Solvents & Diesel)	UV Stability
MagPul® Flat Dark Earth	H-267	2000+	500+	350	0	Excellent	Good
MagPul® Foliage Green	H-231	2000+	500+	350	0	Excellent	Good
MagPul® O.D. Green	H-232	2000+	500+	450	0	Excellent	Good
MagPul® Stealth Grey	H-188	2000+	500+	450	0	Excellent	Good
Matte Armor Clear <sup>§</sup>	H-301	2000+	500+	350	0	Excellent	Fair
Matte Brown	H-7504	2000+	500+	350	0	Excellent	Good
McMillan® Tan	H-203	2000+	500+	350	0	Excellent	Good
Midnight Blue	H-238	2000+	500+	500+	0	Excellent	Good
Midnight Bronze	H-294	2000+	500+	500+	0	Excellent	Good
Mil Spec Green	H-264	2000+	500+	450	0	Excellent	Good
Mil Spec O.D. Green	H-240	2000+	500+	450	0	Excellent	Good
Mojito	H-313	2000+	500+	350	0	Excellent	Good
Mud Brown	H-225	2000+	500+	350	0	Excellent	Fair
MultiCam® Bright Green	H-343	2000+	500+	350	0	Excellent	Good
MultiCam® Dark Brown	H-342	2000+	500+	400	0	Excellent	Excellent
MultiCam® Dark Green	H-341	2000+	500+	350	0	Excellent	Good
MultiCam® Dark Grey	H-345	2000+	500+	350	0	Excellent	Good
MultiCam® Light Green	H-340	2000+	500+	350	0	Excellent	Good
MultiCam® Olive	H-344	2000+	500+	400	0	Excellent	Good
MultiCam® Pale Green	H-339	2000+	500+	350	0	Excellent	Good
Northern Lights	H-315	2000+	500+	350	0	Excellent	Fair
Noveske Bazooka Green	H-189	2000+	500+	350	0	Excellent	Good
Noveske Tiger Eye Brown	H-187	2000+	500+	350	0	Excellent	Good
NRA Blue	H-171	2000+	500+	300	0	Excellent	Fair
O.D. Green	H-236	2000+	500+	450	0	Excellent	Good
Parakeet Green	H-331	2000+	500+	350	0	Excellent	Poor
Patriot Brown	H-226	2000+	500+	450	0	Excellent	Good
Pink Champagne	H-311	2000+	500+	350	0	Excellent	Good
Pink Sherbet	H-328	2000+	500+	350	0	Excellent	Poor
Platinum Grey	H-337	2000+	500+	450	0	Excellent	Good
Plum Brown	H-298	2000+	500+	500+	0	Excellent	Good
Polar Blue	H-326	2000+	500+	350	0	Excellent	Good
Prison Pink	H-141	2000+	500+	250	0	Excellent	Poor
Purplexed	H-332	2000+	500+	300	0	Excellent	Poor
Rai 8000	H-8000	2000+	500+	350	0	Excellent	Good
Ridgeway Blue	H-220	2000+	500+	300	0	Excellent	Fair
Robin's Egg Blue	H-175	2000+	500+	300	0	Excellent	Fair
Rose Gold	H-327	2000+	500+	500+	0	Excellent	Poor
Ruby Red	H-306	2000+	500+	350	0	Excellent	Fair
Satin Aluminum	H-151	2000+	500+	500+	0	Excellent	Fair
Satin Mag	H-147	2000+	500+	300	0	Excellent	Good
Savage® Stainless	H-150	2000+	500+	300	0	Excellent	Good
Sea Blue	H-172	2000+	500+	300	0	Excellent	Fair
Shimmer Aluminum	H-158	2000+	500+	350	0	Excellent	Good
Sig™ Dark Grey	H-210	2000+	500+	450	0	Excellent	Good
Sig™ Pink	H-224	2000+	500+	350	0	Excellent	Poor
Sky Blue	H-169	2000+	500+	300	0	Excellent	Poor
Smith & Wesson® Grey	H-214	2000+	500+	350	0	Excellent	Good
Smith & Wesson® Red	H-216	2000+	500+	350	0	Excellent	Fair
Smith & Wesson® Tan	H-307	2000+	500+	450	0	Excellent	Good
Sniper Green	H-229	2000+	500+	350	0	Excellent	Good
Sniper Grey	H-234	2000+	500+	450	0	Excellent	Good
Snow White	H-136	2000+	500+	250	0	Excellent	Poor
Socom Blue	H-245	2000+	500+	450	0	Excellent	Good
Springfield® FDE	H-305	2000+	500+	450	0	Excellent	Good
Springfield® Grey	H-304	2000+	500+	450	0	Excellent	Good
Squatch Green	H-316	2000+	500+	350	0	Excellent	Good
Stainless	H-152	2000+	500+	350	0	Excellent	Good
Steel Grey	H-139	2000+	500+	350	0	Excellent	Good
Stone Grey	H-262	2000+	500+	450	0	Excellent	Good

# H Series Technical Data Sheet (TDS) Cont.

Colors	Item No.	Corrosion Resistance ASTM B117 (hours)	Coating Stability (F°) Max. Temp.	Color Stability (F°) Max. Temp.	Non-Exempt VOC Content per US EPA Regulation (ppm)	Chemical Resistance <sup>‡</sup> (Common Solvents & Diesel)	UV Stability
Stormtrooper White	H-297	2000+	500+	250	0	Excellent	Poor
Sunflower	H-317	2000+	500+	350	0	Excellent	Good
Tactical Grey	H-227	2000+	500+	400	0	Excellent	Good
Tequila Sunrise	H-309	2000+	500+	350	0	Good	Good
Titanium	H-170	2000+	500+	350	0	Excellent	Good
Troy® Coyote Tan	H-268	2000+	500+	350	0	Excellent	Good
Tungsten	H-237	1000+	500+	450	0	Excellent	Good
USMC Red	H-167	2000+	500+	350	0	Excellent	Fair
Vortex® Bronze	H-293	2000+	500+	500+	0	Excellent	Good
Wild Purple	H-197	2000+	500+	300	0	Excellent	Poor
Zombie Green	H-168	2000+	500+	350	0	Excellent	Fair

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

\***Gloss units** and levels are measured at a 60° angle, 18:1 catalyst ratio, 1 - 2 mil dry film thickness, 15 minutes 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** measured at ambient 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** is the temperature to which the color or coating is stable.

†**Testing parameters** are as follows:

- **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** is measured on a scale of 0B, 1B, 2B, 3B, 4B, 5B, with 5B being the highest achievable rating.
- **Flexibility** or Conical Mandrel Bend: "100% Resistance" is the highest achievable rating and indicates that the coating did not crack or spall.
- **Impact Performance** is measured on a scale of 0 inch-lbs. to 160 inch-lbs., with 160 inch-lbs. being the highest achievable rating.

§**Data for product shipped after 11/18/19.**

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](mailto:info@cerakote.com) or call us at 1-866-774-7628 if you have any questions.

# H Series Technical Data Sheet (TDS) Cont.

Colors	Item No.	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 ASTM D2794	Impact Performance <sup>†</sup> Indirect ASTM D2794	Theoretical Coverage per gal @ Recommended Mil Thickness (ft <sup>2</sup> )
A.I. Dark Earth	H-250	9H	8H	5B	100% Resistance	160 in-lbs	160 in-lbs	482
Armor Black	H-190	9H	8H	5B	100% Resistance	160 in-lbs	160 in-lbs	495
Barrett® Bronze	H-259	9H	8H	5B	100% Resistance	160 in-lbs	160 in-lbs	479
Barrett® Brown	H-269	9H	8H	5B	100% Resistance	160 in-lbs	160 in-lbs	514
Battleship Grey	H-213	9H	8H	5B	100% Resistance	160 in-lbs	160 in-lbs	614
Bazooka Pink	H-244	9H	8H	5B	100% Resistance	160 in-lbs	160 in-lbs	291
Benelli® Sand	H-143	9H	8H	5B	100% Resistance	160 in-lbs	160 in-lbs	519
Blue Raspberry	H-329	9H	8H	5B	100% Resistance	160 in-lbs	160 in-lbs	715
Blue Titanium	H-185	9H	8H	5B	100% Resistance	160 in-lbs	160 in-lbs	535
Bright Nickel	H-157	9H	8H	5B	100% Resistance	160 in-lbs	160 in-lbs	526
Bright Purple	H-217	9H	8H	5B	100% Resistance	160 in-lbs	160 in-lbs	289
Bright White	H-140	9H	8H	5B	100% Resistance	160 in-lbs	160 in-lbs	298
Burnt Bronze	H-148	9H	8H	5B	100% Resistance	160 in-lbs	160 in-lbs	568
Cadex Tan	H-308	9H	8H	5B	100% Resistance	160 in-lbs	160 in-lbs	552
Charcoal Green	H-338	9H	8H	5B	100% Resistance	160 in-lbs	160 in-lbs	609
Chocolate Brown	H-258	9H	8H	5B	100% Resistance	160 in-lbs	160 in-lbs	450
Citron	H-324	9H	8H	5B	100% Resistance	130 in-lbs	130 in-lbs	385
Cobalt	H-112	9H	8H	5B	100% Resistance	160 in-lbs	160 in-lbs	527
Cobalt Kinetics™ Green	H-296	9H	8H	5B	100% Resistance	160 in-lbs	160 in-lbs	542
Cobalt Kinetics™ Slate	H-295	9H	8H	5B	100% Resistance	160 in-lbs	160 in-lbs	540
Combat Grey	H-130	9H	8H	5B	100% Resistance	160 in-lbs	160 in-lbs	580
Copper	H-347	9H	8H	5B	100% Resistance	160 in-lbs	160 in-lbs	622
Copper Brown	H-149	9H	8H	5B	100% Resistance	160 in-lbs	160 in-lbs	542
Copper Suede	H-310	9H	8H	5B	100% Resistance	160 in-lbs	160 in-lbs	613
Corvette Yellow	H-144	9H	8H	5B	100% Resistance	160 in-lbs	160 in-lbs	275
Coyote Tan	H-235	9H	8H	5B	100% Resistance	160 in-lbs	160 in-lbs	607
Crimson	H-221	9H	8H	5B	100% Resistance	160 in-lbs	160 in-lbs	521
Crushed Orchid	H-314	9H	8H	5B	100% Resistance	160 in-lbs	160 in-lbs	644
Crushed Silver	H-255	9H	8H	5B	100% Resistance	160 in-lbs	160 in-lbs	461
Desert Sage	H-247	9H	8H	5B	100% Resistance	160 in-lbs	160 in-lbs	482
Desert Sand	H-199	9H	8H	5B	100% Resistance	160 in-lbs	160 in-lbs	535
Desert Verde	H-256	9H	8H	5B	100% Resistance	160 in-lbs	160 in-lbs	488
Electric Yellow	H-166	8H	7H	5B	100% Resistance	160 in-lbs	160 in-lbs	291
Electrical Barrier Coating	H-900	9H	8H	5B	100% Resistance	160 in-lbs	160 in-lbs	272
Federal Brown	H-212	9H	8H	5B	100% Resistance	160 in-lbs	160 in-lbs	473
Flat Dark Earth	H-265	9H	8H	5B	100% Resistance	160 in-lbs	160 in-lbs	487
Forest Green	H-248	9H	8H	5B	100% Resistance	160 in-lbs	160 in-lbs	543
Frost	H-312	9H	8H	5B	100% Resistance	160 in-lbs	160 in-lbs	558
FS Brown Sand	H-30372	9H	8H	5B	100% Resistance	160 in-lbs	160 in-lbs	494
FS Field Drab	H-30118	9H	8H	5B	100% Resistance	160 in-lbs	160 in-lbs	503
FS Sabre Sand	H-33446	9H	8H	5B	100% Resistance	160 in-lbs	160 in-lbs	498
FS Tan	H-20180	9H	8H	5B	100% Resistance	160 in-lbs	160 in-lbs	634
Glock® FDE	H-261	9H	8H	5B	100% Resistance	160 in-lbs	160 in-lbs	527
Glock® Grey	H-184	9H	8H	5B	100% Resistance	160 in-lbs	160 in-lbs	517
Gloss Black	H-109	9H	8H	5B	100% Resistance	160 in-lbs	160 in-lbs	686
Gold	H-122	9H	8H	5B	100% Resistance	160 in-lbs	160 in-lbs	474
Graphite Black	H-146	9H	8H	5B	100% Resistance	160 in-lbs	160 in-lbs	493
Gun Metal Grey	H-219	9H	8H	5B	100% Resistance	160 in-lbs	160 in-lbs	573
Habanero Red	H-318	9H	8H	5B	100% Resistance	160 in-lbs	160 in-lbs	689
Hazel Green	H-204	9H	8H	5B	100% Resistance	160 in-lbs	160 in-lbs	508
Hidden White	H-242	9H	8H	5B	100% Resistance	160 in-lbs	160 in-lbs	302
High Gloss Armor Clear <sup>5</sup>	H-300	6H	7H	5B	100% Resistance	160 in-lbs	160 in-lbs	1593
Highland Green	H-200	9H	8H	5B	100% Resistance	160 in-lbs	160 in-lbs	471
Hi-Vis Orange	H-346	8H	7H	5B	100% Resistance	160 in-lbs	160 in-lbs	305
Hunter Orange	H-128	8H	7H	5B	100% Resistance	160 in-lbs	160 in-lbs	254
Jesse James Civil Defense Blue	H-401	8H	7H	5B	100% Resistance	160 in-lbs	160 in-lbs	514
Jesse James Cold War Grey	H-402	9H	8H	5B	100% Resistance	160 in-lbs	160 in-lbs	525
Jesse James Eastern Front Green	H-400	9H	8H	5B	100% Resistance	160 in-lbs	160 in-lbs	504
Kel-Tec® Navy Blue	H-127	9H	8H	5B	100% Resistance	160 in-lbs	160 in-lbs	523
Light Sand	H-142	9H	8H	5B	100% Resistance	160 in-lbs	160 in-lbs	545

# H Series Technical Data Sheet (TDS) Cont.

Colors	Item No.	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 ASTM D2794	Impact Performance <sup>†</sup> Indirect ASTM D2794	Theoretical Coverage per gal @ Recommended Mil Thickness (ft <sup>2</sup> )
MagPul® Flat Dark Earth	H-267	9H	8H	5B	100% Resistance	160 in-lbs	160 in-lbs	468
MagPul® Foliage Green	H-231	9H	8H	5B	100% Resistance	160 in-lbs	160 in-lbs	519
MagPul® O.D. Green	H-232	9H	8H	5B	100% Resistance	160 in-lbs	160 in-lbs	525
MagPul® Stealth Grey	H-188	9H	8H	5B	100% Resistance	160 in-lbs	160 in-lbs	503
Matte Armor Clear <sup>§</sup>	H-301	9H	8H	5B	100% Resistance	160 in-lbs	160 in-lbs	1625
Matte Brown	H-7504	9H	8H	5B	100% Resistance	160 in-lbs	160 in-lbs	514
McMillan® Tan	H-203	9H	8H	5B	100% Resistance	160 in-lbs	160 in-lbs	502
Midnight Blue	H-238	9H	8H	5B	100% Resistance	160 in-lbs	160 in-lbs	527
Midnight Bronze	H-294	9H	8H	5B	100% Resistance	160 in-lbs	160 in-lbs	525
Mil Spec Green	H-264	9H	8H	5B	100% Resistance	160 in-lbs	160 in-lbs	574
Mil Spec O.D. Green	H-240	9H	8H	5B	100% Resistance	160 in-lbs	160 in-lbs	519
Mojito	H-313	9H	8H	5B	100% Resistance	160 in-lbs	160 in-lbs	690
Mud Brown	H-225	9H	8H	5B	100% Resistance	160 in-lbs	160 in-lbs	555
MultiCam® Bright Green	H-343	9H	8H	5B	100% Resistance	160 in-lbs	160 in-lbs	624
MultiCam® Dark Brown	H-342	9H	8H	5B	100% Resistance	160 in-lbs	160 in-lbs	694
MultiCam® Dark Green	H-341	9H	8H	5B	100% Resistance	160 in-lbs	160 in-lbs	556
MultiCam® Dark Grey	H-345	9H	8H	5B	100% Resistance	160 in-lbs	160 in-lbs	645
MultiCam® Light Green	H-340	9H	8H	5B	100% Resistance	160 in-lbs	160 in-lbs	594
MultiCam® Olive	H-344	9H	8H	5B	100% Resistance	160 in-lbs	160 in-lbs	564
MultiCam® Pale Green	H-339	9H	8H	5B	100% Resistance	160 in-lbs	160 in-lbs	639
Northern Lights	H-315	9H	8H	5B	100% Resistance	160 in-lbs	160 in-lbs	673
Noveske Bazooka Green	H-189	9H	8H	5B	100% Resistance	160 in-lbs	160 in-lbs	534
Noveske Tiger Eye Brown	H-187	9H	8H	5B	100% Resistance	160 in-lbs	160 in-lbs	527
NRA Blue	H-171	9H	8H	5B	100% Resistance	160 in-lbs	160 in-lbs	512
O.D. Green	H-236	9H	8H	5B	100% Resistance	160 in-lbs	160 in-lbs	639
Parakeet Green	H-331	9H	8H	5B	100% Resistance	160 in-lbs	160 in-lbs	734
Patriot Brown	H-226	9H	8H	5B	100% Resistance	160 in-lbs	160 in-lbs	519
Pink Champagne	H-311	9H	8H	5B	100% Resistance	160 in-lbs	160 in-lbs	525
Pink Sherbet	H-328	9H	8H	5B	100% Resistance	160 in-lbs	160 in-lbs	749
Platinum Grey	H-337	9H	8H	5B	100% Resistance	160 in-lbs	160 in-lbs	603
Plum Brown	H-298	9H	8H	5B	100% Resistance	160 in-lbs	160 in-lbs	510
Polar Blue	H-326	9H	8H	5B	100% Resistance	160 in-lbs	160 in-lbs	637
Prison Pink	H-141	9H	8H	5B	100% Resistance	160 in-lbs	160 in-lbs	281
Purplexed	H-332	9H	8H	5B	100% Resistance	160 in-lbs	160 in-lbs	714
Ral 8000	H-8000	9H	8H	5B	100% Resistance	160 in-lbs	160 in-lbs	507
Ridgeway Blue	H-220	9H	8H	5B	100% Resistance	160 in-lbs	160 in-lbs	538
Robin's Egg Blue	H-175	9H	8H	5B	100% Resistance	160 in-lbs	160 in-lbs	645
Rose Gold	H-327	9H	8H	5B	100% Resistance	160 in-lbs	160 in-lbs	593
Ruby Red	H-306	9H	8H	5B	100% Resistance	160 in-lbs	160 in-lbs	579
Satin Aluminum	H-151	9H	8H	5B	100% Resistance	160 in-lbs	160 in-lbs	534
Satin Mag	H-147	9H	8H	5B	100% Resistance	160 in-lbs	160 in-lbs	434
Savage® Stainless	H-150	9H	8H	5B	100% Resistance	160 in-lbs	160 in-lbs	436
Sea Blue	H-172	9H	8H	5B	100% Resistance	160 in-lbs	160 in-lbs	596
Shimmer Aluminum	H-158	9H	8H	5B	100% Resistance	160 in-lbs	160 in-lbs	467
Sig™ Dark Grey	H-210	9H	8H	5B	100% Resistance	160 in-lbs	160 in-lbs	544
Sig™ Pink	H-224	9H	8H	5B	100% Resistance	160 in-lbs	160 in-lbs	285
Sky Blue	H-169	9H	8H	5B	100% Resistance	160 in-lbs	160 in-lbs	582
Smith & Wesson® Grey	H-214	9H	8H	5B	100% Resistance	80 in-lbs	80 in-lbs	542
Smith & Wesson® Red	H-216	9H	8H	5B	100% Resistance	60 in-lbs	60 in-lbs	487
Smith & Wesson® Tan	H-307	9H	8H	5B	100% Resistance	160 in-lbs	160 in-lbs	559
Sniper Green	H-229	9H	8H	5B	100% Resistance	160 in-lbs	160 in-lbs	551
Sniper Grey	H-234	9H	8H	5B	100% Resistance	160 in-lbs	160 in-lbs	624
Snow White	H-136	9H	8H	5B	100% Resistance	160 in-lbs	160 in-lbs	361
Socom Blue	H-245	9H	8H	5B	100% Resistance	160 in-lbs	160 in-lbs	535
Springfield® FDE	H-305	9H	8H	5B	100% Resistance	160 in-lbs	160 in-lbs	585
Springfield® Grey	H-304	9H	8H	5B	100% Resistance	160 in-lbs	160 in-lbs	686
Squatch Green	H-316	9H	8H	5B	100% Resistance	160 in-lbs	160 in-lbs	644
Stainless	H-152	9H	8H	5B	100% Resistance	160 in-lbs	160 in-lbs	466
Steel Grey	H-139	9H	8H	5B	100% Resistance	160 in-lbs	160 in-lbs	522
Stone Grey	H-262	9H	8H	5B	100% Resistance	160 in-lbs	160 in-lbs	458



# H Series Technical Data Sheet (TDS) Cont.

Colors	Item No.	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 ASTM D2794	Impact Performance <sup>†</sup> Indirect ASTM D2794	Theoretical Coverage per gal @ Recommended Mil Thickness (ft <sup>2</sup> )
Stormtrooper White	H-297	9H	8H	5B	100% Resistance	160 in-lbs	160 in-lbs	383
Sunflower	H-317	9H	8H	5B	100% Resistance	160 in-lbs	160 in-lbs	287
Tactical Grey	H-227	9H	8H	5B	100% Resistance	160 in-lbs	160 in-lbs	564
Tequila Sunrise	H-309	9H	8H	5B	100% Resistance	160 in-lbs	160 in-lbs	645
Titanium	H-170	9H	8H	5B	100% Resistance	160 in-lbs	160 in-lbs	435
Troy® Coyote Tan	H-268	9H	8H	5B	100% Resistance	160 in-lbs	160 in-lbs	576
Tungsten	H-237	9H	8H	5B	100% Resistance	160 in-lbs	160 in-lbs	471
USMC Red	H-167	9H	8H	5B	100% Resistance	160 in-lbs	160 in-lbs	519
Vortex® Bronze	H-293	9H	8H	5B	100% Resistance	160 in-lbs	160 in-lbs	527
Wild Purple	H-197	9H	8H	5B	100% Resistance	160 in-lbs	160 in-lbs	319
Zombie Green	H-168	9H	8H	5B	100% Resistance	120 in-lbs	120 in-lbs	568

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

**\*Gloss units** and levels are measured at a 60° angle, 18:1 catalyst ratio, 1 - 2 mil dry film thickness, 15 minutes 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** measured at ambient 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** is the temperature to which the color or coating is stable.

**†Testing parameters** are as follows:

- **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** is measured on a scale of 0B, 1B, 2B, 3B, 4B, 5B, with 5B being the highest achievable rating.
- **Flexibility** or Conical Mandrel Bend: "100% Resistance" is the highest achievable rating and indicates that the coating did not crack or spall.
- **Impact Performance** is measured on a scale of 0 inch-lbs. to 160 inch-lbs., with 160 inch-lbs. being the highest achievable rating.

**§Data for product shipped after 11/18/19.**

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](mailto:info@cerakote.com) or call us at 1-866-774-7628 if you have any questions.