

Engineering Specification	Substrate	Salt Spray Hours
AM General		
TT-C-490E	CRS, HRS	1000
AMERICAN AXLE		
MS-4005	CRS, HRS, HDG, HIA, AL	168
ARVIN MERITOR		
P25	CRS, HRS, HDG, HIA, AL	200
BEHR		
M-1153	CRS, HRS, HDG, HIA, AL	See Spec
BENDIX		
BW-329-P	CRS, HRS, HDG, HIA, AL	300
BMW		
BMW S 600 87.0 LA SW 1		NA
GS 90011 LA SW 1	CRS, HRS, HDG, HIA, AL	NA
GS 90011 LA SW 2	CRS, HRS, HDG, HIA, AL	NA
GS 90011 LA SW 3	CRS, HRS, HDG, HIA, AL	NA
BORG WARNER COOLING		
01ES00002	CRS, HRS, HDG, HIA, AL	Per print or 250
BOSCH		
6 002 674 003	CRA, HRS, HIA	480
ES-2531	CRA, HRS	1000
BROSE		
562162-103/1002	CRS, HRS, HDG, HIA, AL	96
CATERPILLAR		
1E1267	CRS, HRS, HDG, HIA, AL	96
CHRYSLER		
CS 9003 (Meets environmental requirements)		NA
MS-PB45-1	CRS, HRS, HDG, HIA, AL	360
MS-PB45-2	CRS, HRS, HDG, HIA, AL	360
MS-PB60-2C	CRS, HRS, HDG, HIA, AL	240, 360
PF-7051	CRS, HRS, HDG, HIA, AL	0
PS-508		0
PS-7232		0
CLUB CAR, CLASS II		
102466101	CRS, HRS, HIA	>300
CONTINENTAL TEVES		
ATE N 106 36.31 (Ob No. 301/4)	CRS, HRS	NA
ATE N 550 60.01 (Type of Finish L7)	CRS, HRS	600
CUMMINGS		
21073	CRS, HRS, HIA	750
DANA		
M-2008	CRS, HRS, HIA	500
SHAES176		168
DAYCO		
DES-F004 (Except 2.3 & 2.4)	CRS, HRS, HDG, HIA, AL	336
DELBAR		

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DPS 78	CRS, HRS, HDG, HIA, AL	See Spec
DELPHI		
DCM 5188	CRS, HRS, HDG, HIA, AL	336
DX 550043	CRS, HRS, HDG, HIA, AL	NA
DX650059	CRS, HRS, HDG, HIA, AL	See Spec
DENSO		
D 1N 02 B1-TFE13 (DDS 2346)	CRS, HRS, HIA	840
D 1N 02 B1-TFE13 (DDS 6700-001)	CRS, HRS, HIA	750
D 1N 02 B1-TFE21 (DDS 6700-001)	CRS, HRS, HIA	384
D 1N 02 B1-TFE23 (DDS 2346)	CRS, HRS, HIA	480
DEXTER AXLE		
ES-1039	CRS, HRS, HIA	500
EATON		
ES-560C		500
TES 005		96
FIAMM		
FI-1000	CRS, HRS, HDG, HIA, AL	480
RD-ST00050	ZC PL	1000
RD-ST00051	CRS	1000
FORD		
ESA-M2P15-A		
ESA-M64J19-B1 to B4	CRS, HRS	1000
ESB-M2P129-B	CRS, HRS	500
ESB-M2P28-B	CRS, HRS, HDG, HIA, AL	96 parts 168 panels
ESB-M2P29-A	CRS, HRS, HDG, HIA, AL	120 panels 48 parts
ESB-M2P29-B	CRS, HRS, HDG, HIA, AL	48 parts 120 panels
ESB-M2P30-A	CRS, HRS, HDG, HIA, AL	96 panels 24 parts
ESB-M2P30-B	CRS, HRS, HDG, HIA, AL	24 parts 96 panels
ESB-M2P6-C	CRS, HRS, HIA	500
ESB-M64J12-B		240
ESB-M64J19-A1 to A4		360
ESE-M2P128-A		168
ESN-M2P86-A	CRS, HRS, HDG, HIA, AL	96
WSB-M64J28-A1 to A4	CRS, HRS, HDG, HIA, AL	500
WSB-M64J36-A1 to A4		500
WSK-M2P149-A1	CRS, HRS, HDG, HIA, AL	240
WSK-M2P149-A2	CRS, HRS, HIA	240 - 480
WSK-M2P151-A1 to A3 (Excluding 3.5.4)	CRS, HRS, HDG, HIA, AL	24-72
WSK-M2P152-A1 (Excl. top coat, powder)	CRS, HRS, HDG, HIA, AL	96
WSK-M2P152-A2 (Excl. top coat, powder)	CRS, HRS, HDG, HIA, AL	120
WSK-M2P152-A3 (Excl. top coat, powder)	CRS, HRS, HDG, HIA, AL	240
WSK-M2P153-A1 to A5	CRS, HRS, HDG, HIA, AL	16 - 480
WSK-M2P153-A6	CRS, HRS, HIA	16 - 480
WSK-M2P157-A1 to A3	CRS, HRS, HDG, HIA, AL	96
WSS-M2P177-A1 to A2	CRS, HRS, HDG, HIA, AL	480
WSS-M2P177-A3 to A5	CRS, HRS, HIA	480
WSS-M2P177-B1 to B2	CRS, HRS, HDG, HIA, AL	NA - Cycle
WSS-M2P177-C1 to C3	CRS, HRS, HDG, HIA, AL	NA - Cycle
WSS-M2P185 A1 TO A2	CRS, HRS, HIA	480
WSS-M2P185 A3 TO A4	CRS, HRS, HDG, HIA, AL	96

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WSS-M64J39-A1 to A5 (Satellite line)	CRS, HRS, HDG, HIA, AL	960
WSS-M64J40 (Exclude 3.7.7 Edge Corr.)		960
FREIGHTLINER		
49-00023 (101)		500
49-00023 (102)		240
49-00023 (103)		96
49-00099-004		500
FUJI		
TS430-7-89	CRS, HRS, HDG, HIA, AL	NA
GM		
GM 4350-M X.XXX	CRS, HRS, HDG, HIA, AL	336
GM 9984017	CRS, HRS, HDG, HIA, AL	0
GM 9984090 (ZN Phos immersion)	CRS, HRS, HDG, HIA, AL	0
GM 9984120	CRS, HRS, HDG, HIA, AL	168
GM 9984120 / 4350-M C-0	CRS, HRS, HDG, HIA, AL	336
GM 9984120 / 4350-M A-168	CRS, HRS, HDG, HIA, AL	168
GM 9984120 / 4350-M A-336	CRS, HRS, HDG, HIA, AL	336
GM 9984120 / 4350-M A-96	CRS, HRS, HDG, HIA, AL	96
GM 9984120 / 4350-M C-24	CRS, HRS, HDG, HIA, AL	24
GM 9984123 (ZN Phos)	CRS, HRS, HDG, HIA, AL	NA
GM 9986165		1000
GMW 14671-A	CRS, HRS, HDG, HIA, AL	336
GMW 14671-B	CRS, HRS, HDG, HIA, AL	336
GMW3059 (Meets environmental requirements)		NA
GORDON MFG		
4101	CRS, HRS, HDG, HIA, AL	96
HARLEY DAVIDSON		
ES 805-43101 - A1	CRS, HRS, HDG, HIA, AL	168
HAWORTH		
ES 1038	CRS, HRS, HDG, HIA, AL	72
ES-1039		72
HERMAN MILLER		
PR-132	CRS, HRS, HDG, HIA, AL	0
SI-287	CRS, HRS, HIA	150
HINO		
HS K 1010	CRS, HRS, HDG, HIA, AL	See Spec
HTSH3128	CRS, HRS, HIA	96-840
HONDA		
5100 Z SGO-000	HIA	480
5100 Z-TR0-6000 (Galvaneal/Galvanize Only)	HIA	960
HES D 2016-06 Grade 1	CRS, HRS, HDG, HIA, AL	24
HES D 2016-06 Grade 2	CRS, HRS, HDG, HIA, AL	48
HES D 2021-07 Grade 1	CRS, HRS, HDG, HIA, AL	24/48
HES D 2021-07 Grade 2	CRS, HRS, HDG, HIA, AL	72/120
HES D 2021-07 Grade 3	CRS, HRS, HDG, HIA, AL	120/240
HES D 2021-07 Grade 4	CRS, HRS, HDG, HIA, AL	240/480
HES D 2021-07 Grade 5	CRS, HRS, HIA	600/1000
HES D2028-07 Grade 1	CRS, HRS, HDG, HIA, AL	48
INALPHA		

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IES 06.017-096	CRS, HRS, HDG, HIA, AL	96-480
IES 06.017-144	CRS, HRS, HDG, HIA, AL	96-480
IES 06.017-240	CRS, HRS, HDG, HIA, AL	96-480
IES 06.017-408	CRS, HRS, HIA	96-480
IES.20.004 Gloss 0, 3; Exc SO2, Outdoor, Edg Corr	CRS, HRS, HDG, HIA, AL	See Spec
INTERNATIONAL/NAVISTAR		
CEMS G-5, Part I, Sec. A Class A Primer	CRS, HRS, HIA	500
CEMS G-5, Part I, Sec. A Class B Primer	CRS, HRS, HIA	250
CEMS G-5, Part I, Sec. A Class D Primer	CRS, HRS, HIA	NA
CEMS G-5, Part I, Sec. A Class E Primer	CRS, HRS, HIA	250
CEMS G-5, Part I, Sec. A Class F Primer	CRS, HRS, HIA	100
CEMS G-5, Part I, Sec. A Class G Primer	CRS, HRS, HIA	100
EMS G05-5001	CRS, HRS, HIA	100
TMS-9009	CRS, HRS, HIA	250
ISUZU		
1SC-B51-001B Bxxx	REMOVE	See Spec
JAGEMANN		
5B011	CRS, HRS, HDG, HIA, AL	168
JCI		
MEPM-PLUS-SP-04-07-05-E	CRS, HRS, HDG, HIA, AL	0
KEY SAFETY SYSTEMS		
E50266	CRS, HRS, HDG, HIA, AL	72
LUCAS/VARITY		
S-121934 01 B	CRS, HRS, HDG, HIA, AL	NA
MACK TRUCK		
617 GS 133	CRS,HRS, HIA	480
MAGNA - DONNELLY		
PD-1225	CRS, HRS, HDG, HIA, AL	NA
MAZDA		
MES MN 600 TXX CO1-CO8 (CRS)	CRS	120
MES MN 600 TXX CO41-CO6 (Galvanize)	HDG	72
MES MN 600 TXX-CO1-CO6 (Aluminum)	ALUMINUM	12
MERCEDES-BENZ		
DBL 7381-00/10/20/22 (Excluding 4.24)	CRS, HRS, HDG, HIA, AL	504
DBL 7382	CRS, HRS, HDG, HIA, AL	
DBL 7390-50	CRS, HRS, HDG, HIA, AL	504
DBL 7391-04/54, 60	CRS, HRS, HDG, HIA, AL	240-504
DBL 7392-50	CRS, HRS, HDG, HIA, AL	72
MILITARY		
A-A52474A	CRS, HRS	1000
MIL-P-53084 (ME) (Black only)	CRS, HRS	1000
MILWAUKEE WIRE PRODUCTS		
457-0002-1	CRS, HRS, HDG, HIA, AL	500
MISHAWAKA		
MES-722	CRS, HRS	240
MINITUBISHI		
ES-X 71221		720
ES-X71224		0

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MODINE APPLIED THERMAL INN		
CP-6	CRS, HRS, HIA	500
NISSAN		
54400-NDS00 S-I	CRS, HRS	800
NES-M 5050	CRS, HRS, HIA	NA
NES-M 5083	CRS, HRS, HIA	800
PACCAR		
CMT-0030 (Aluminum Sheet)	ALUMINUM	CASS
CMT-0030 (Hot rolled pickle & oil)	HRS	168
CMT-0048 (Aluminum Sheet)	ALUMINUM	CASS
CMT-0048 (Hot rolled pickle & oil)	HRS	336
CMT-0048 TYPE II (CRS)	CRS	336
CS-0031 (CRS)	CRS	336
DAF LAK 60009 (Excluding 4.3.1)	HRS	240
SIEMENS		
MPS-5062	CRS, HRS, HDG, HIA, AL	240
TENNECO		
PS-152.04	CRS, HRS, HIA	400
TESLA		
TM-0023F-P-EC		500
TM-0023F-P-EC (Exclude Sec. 3.6.3)	ALL	
TOYOTA		
TIS 01206-00050-A, TIS 1206-01003-A	CRS, HRS, HIA	720
TIS 01206-00051-A, TIS 01206-01004-A	CRS, HRS	960
TIS 01206-00056	CRS, HRS, HIA	840
TIS 01206-00343	CRS, HRS, HIA	720
TIS 01206-01009	CRS, HRS, HIA	840
TIS 01248-00092	CRS, HRS, HDG, HIA, AL	See Spec
TIS 01277-00065 (Stainless Steel Only)	SS	840
TSH 2354 G (CRS)	CRS	840
TSH 2354 G (Galvneal)	HIA	480
TSH 3600 G		0
TSZ0001G (Meet environmental requirements)		NA
TRELLEBORG		
TES-5820	CRS, HRS, HDG, HIA, AL	240
TRW		
045416	CRS, HRS, HDG, HIA, AL	360
045635	CRS, HRS, HDG, HIA, AL	500
045638	CRS, HRS, HDG, HIA, AL	See Spec
S-121934 01 C	CRS, HRS	
TRW MS 00019	CRS, HRS, HDG, HIA, AL	48
TRW MS 00081	CRS, HRS, HDG, HIA, AL	48
TS2-24-015	CRS, HRS, HDG, HIA, AL	500
VIKING		
SPF02-W01	CRS, HRS, HDG, HIA, AL	0
VOLKSWAGEN		
TL 227	HIA, HDG	0
TL 260	CRS, HRS, HDG, HIA, AL	240
VOLVO		

Engineering Specification**Substrate****Salt Spray Hours**

STD 121-0001 (Y600-1, Y600-2)

WARNER ELECTRIC

MP-347 (Section 5 & 6 only)

CRS, HRS, HDG, HIA, AL

168

WHIRLPOOL

WM-3561- A6

CRS, HRS, HIA

500

YH AMERICA

YES053

See Spec

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Approval: Tim Stitt**Revised: 09/12/16**
