

REVISIONS

| NO. | TITLE | DRAWING NUMBER |
|-----|-------|----------------|
|-----|-------|----------------|


REFERENCES

[illegible]

AS=BUILT

| | | | | | | | | | | |
|----|----|----|----|----|----|----|----|----|----|-----|
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | REV |
| | 39 | 38 | 37 | 36 | 35 | 34 | 33 | 32 | 31 | SHT |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | REV |
| 30 | 29 | 28 | 27 | 26 | 25 | 24 | 23 | 22 | 21 | SHT |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | REV |
| 20 | 19 | 18 | 17 | 16 | 15 | 14 | 13 | 12 | 11 | SHT |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | REV |
| 10 | 9 | 8 | 7 | 6 | 5 | 4 | 3 | 2 | 1 | SHT |

This drawing, design concept and specifications are the property of
VT Halter Marine, Inc.
and are furnished on a confidential basis with an expressed understanding that
they will not be copied in any manner, used for manufacture, sold, transferred,
nor used to the detriment of said firm without written permission. The recipient
further agrees not to disclose these contents hereof to any other parties
except for those specific purposes for which this drawing was issued.

| | | | | | | | | |
|---|--|---------------|---|---|-------------|---------------------|---------------|----------|
| VT Halter Marine, Inc.  Vision Technologies Systems | | | VESSEL FRV40 CLASS 63m FISHERIES RESEARCH VESSEL | | | | | |
| DRAWN BY CM 3/9/05 | | ABS APP-I | TITLE PAINT SCHEDULE | | | | | |
| CHECKED BY FH 3/9/05 | | USCG APP-I | | | | | | |
| APPROVED BY | | OWNER APP-I | | | | | | |
| HULL NO 1953 | | CAGE CODE | SA | JOB NO. M282 | ITEM 631 | DELIVERABLE FF04 | SHEET 1 | REV 0 |
| ESTIMATE NO 00-104 | | SCALE None | | FILE R:\M282\FUNCTIONAL0ES1GN\HULL \INWORK\ | | | SHEET 1 OF 39 | |

STEEL

| COATINGS SPECIFICATION | | | | OWNER: | | | | JOB: | | | | | | | |
|---|--------------------------|-----------------|-----------------------------|--|--|-----------|-------------------------|--|--------------------|--------|----------------|------------------|--------------------------|-----|--|
| AREA: KEEL TO LOWER EDGE OF DEEP LOAD LINE INCLUDING CENTERBOARD TRUNK INTERIOR BELOW WATERLINE, RUBBER, OTIBR APPENDAGES BELOW DEEP LOAD LINE | | | | SURFACE PREPARATION: SPOT BLAST DAMAGED AREA TO NEAR WHITE SSPC-SP-10. SANDSWEEP ALL REMAINING AREA TO SSPC.SP7. | | | | | | | | | | | |
| SYSTEM INFORMATION | COLOR | TYPE COAT | WFT MILS | DFT MILS | SPREAD RATE@ SPEC. DFT Sq.Ft. per Gal | | Overcoat Time at 70F | | Application Method | | | | | | |
| | | | | | Theoretical | Practical | Min. | Max. | Brush | Roller | Conv. Spray | Airless Spray | Airless Spray | | |
| | | | | | | | | | | | | | Nozzle | Fan | |
| AMERCOAT 385 | RED | FULL | 8.0 | 5.0 | 212 | 148 | 8 hrs | 6 mos | | | | | X | .21 | |
| AMERCOAT 385 | GRAY | FULL | 8.0 | 5.0 | 212 | 148 | 8 hrs | 24 hrs | | | | | X | .21 | |
| ABC#4 | RED | FULL | 8.0 | 5.0 | 189 | 132 | 8 hrs | 30 days | | | | | X | .21 | |
| ABC#4 | BLACK | FULL | 8.0 | 5.0 | 189 | 132 | 8hrs | | | | | | X | .21 | |
| Product Information | Solid Volume Ratio | Curing Ageut | Mixed Ratio Base:Cure | Pot Life | Dry at 70F | | Flash Point deg.F | Thinner (1) | Application (2) | | | | Ventilation Cu.Ft/Gal | | |
| | | | | | Handle | Hard | | | TempF | | Humidity | | | | |
| | | | | | | | | | Min | Max | Min | Max | | | |
| 385 | 66 | 385 | 1 TO 1 | 4 hrs | 4 hrs | 8 hrs | 120° | 65 | 32° | 120° | | 85% | | | |
| ABC#4 | 59 | NIA | NIA | NIA | 4 hrs | 6 hrs | 82° | 65 | 40° | 100° | | 85% | | | |
| Remarks: HULL MARKINGS WITH AMERCOAT 229C WHITE AT 2.0 MILS | | | | | | | | (1) Not more than __ % by volume. (2) No coating to be applied when substrate is within 5F of dewpoint. | | | | | | | |

AMERON PERFORMANCE COATINGS AND FINISHES GROUP

STEEL

PAGE20F34

| COATINGS SPECIFICATION | | | | OWNER: | | | | JOB: | | | | | | | | |
|--|--|--------------------|--------------|--|----------|--------------------------------------|-----------|----------------------|--|--------------------|--------|-------------|---------------|-----------------------|-----|--|
| AREA: SEA CHESTS & HIGH TURBULANCE AREAS | | | | SURFACE PREPARATION: SPOT BLAST TO SP,10 & SANDSWEEP ALL REMAINING AREA TO REMOVE ALL CONTAMINATION. | | | | | | | | | | | | |
| SYSTEM INFORMATION | | COLOR | TYPE COAT | WFT MILS | DFT MILS | SPREAD RATE@ SPEC. DFT Sq.Ft per Gal | | Overcoat Time at 70F | | Application Method | | | | | | |
| | | | | | | Theoretical | Practical | Min. | Max. | Brush | Roller | Conv. Spray | Airless Spray | Airless Spray | | |
| AMERCOAT 385 | | RED | FULL | 8.0 | 5.0 | 212 | 148 | 8 hrs | 6 mos | | | | | X | 21 | |
| AMERCOAT 385 | | BLACK | FULL | 8.0 | 5.0 | 212 | 148 | 8hrs | 24 hrs | | | | | X | 21 | |
| AMERLOCK 400 GFK | | RED | FULL | 6.0 | 5.0 | 266 | 186 | 8 hrs | 24 hrs | | | | | X | .55 | |
| AMERLOCK 400 GFK | | BLACK | FULL | 6.0 | 5.0 | 266 | 186 | N/A | | | | | | X | | |
| Product Information | | Solid Volume Ratio | Curing Agent | Mixed Ratio Base:Cure | Pot Life | Dry at 70F | | Flash Point deg. F | Thinner (1) | Application (2) | | | | Ventilation Cu.Ft/Gal | | |
| | | | | | | Handle | Hard | | | TempF | | Humidity | | | | |
| | | | | | | | | | | Min | Max | Min | Max | | | |
| 385 | | 66 | 385 | I TO I | 4 hrs | 4 hrs | 8 hrs | 120° | 65 | 32° | 120° | | 85% | | | |
| 400GFK | | 83 | 400 | 3PART | 4 hrs | 8 hrs | 12 hrs | 131° | 65 | 32° | 90° | | 85% | | | |
| Remarks: | | | | | | | | | (3) Not more than __ % by volume. (4) No coating to be applied when substrate is within 5F of dewpoint. | | | | | | | |

AMERON PERFORMANCE COATINGS AND FINISHES GROUP

STEEL

PAGE30F34

| | | | | | | | | | | | | | | | |
|--|--|--------------------------|-----------------|---|-------------|--|-----------|--------------------------|-------------|--------------------|--------|----------------|------------------|---------------------------|-----|
| COATINGS SPECIFICATION | | | | OWNER: | | | | JOB: | | | | | | | |
| AREA: DEEP LOAD LINE TO RAIL AND OUTBOARD SIDE OF BULWARKS | | | | SURFACE PREPARATION: POT BLAST TO SP-10 AND SANTISWEEP ALL REMAINING AREA TO REMOVE ALL CONTAMINATION. | | | | | | | | | | | |
| SYSTEM INFORMATION | | COLOR | TYPE COAT | WFT MILS | DFT MILS | SPREAD RATE@ SPEC. DFT Sq.Ft. per Gal | | Overcoat Time at 70F | | Application Method | | | | | |
| | | | | | | Theoretical | Practical | Min. | Max. | Brush | Roller | Conv. Spray | Airless Spray | Airless Spray | |
| | | | | | | | | | | | | | | Nozzle | Fan |
| DIMETCOTE 302H | | GREEN | FULL | 4.0 | 3.0 | 417 | 292 | 4 hrs | IND. | | | | X | 21 | 1 |
| AMEROCAT 385 | | RED | FULL | 8.0 | 5.0 | 212 | 148 | 8 hrs | 72 hrs | | | | X | 21 | |
| AMERCOAT 229T | | WHITE | FULL | 4.0 | 2.0 | 361 | 253 | N/A | | | | | X | 21 | |
| Product Information | | Solid Volume Ratio | Curing Agent | Mixed Ratio Base:Cure | Pot Life | Dry at 70F | | Flash Point deg. F | Thinner (1) | Application (2) | | | | Ventilation Cu.Ft./Gal | |
| | | | | | | Handle | Hard | | | TempF | | Humidity | | | |
| | | | | | | | | | | Min | Max | Min | Max | | |
| 302H | | 78 | PWD | I TO I | 4 hrs | I hrs | 4 hrs | 110° | +- 10 | 32° | 90° | | 85% | | |
| 385 | | 66 | 385 | I TO I | 4 hrs | 4 hrs | 8 hrs | 120° | 65 | 32° | 120° | | 85% | | |
| 229T | | 45 | 229 | 4 TO I | 4 hrs | 4 hrs | 8 hrs | 105° | 911 | 32° | 90° | | 85% | | |
| Remarks: HULL MARKINGS 229T: BLACK 2.0 MILS D.F.T. LIGITBLUE 2.0 MILS D.F.T. DARK BLUE 2.0 MILS D.F.T. | | | | | | | | | | | | | | | |

AMERON PERFORMANCE COATINGS AND FINISHES GROUP

STEEL

PAGE40F34

| COATINGS SPECIFICATION | | | | OWNER: | | | | JOB: | | | | | | | | |
|--|--------------------|--------------|-----------------------|--|------------|---------------------------------------|--------------------|---|-----------------|--------------------|----------|-------------|-----------------------|---------------|-----|--|
| AREA: | | | | SURFACE PREPARATION: SPOT BLAT TO SP,10 AND SANDSWEEP ALL REMAINING AREA TO REMOVE ALL CONTAMINATION. | | | | | | | | | | | | |
| SYSTEM INFORMATION | | COLOR | TYPE COAT | WFT MILS | OFT MILS | SPREAD RATE@ SPEC. OFT Sq.Ft. per Gal | | Overcoat Time at 70F | | Application Method | | | | | | |
| | | | | | | Theoretical | Practical | Min. | Max. | Brush | Roller | Conv. Spray | Airless Spray | Airless Spray | | |
| DIMETCOTE 302H | | GREEN | FULL | 4.0 | 3.0 | 417 | 292 | 4 hrs | IND. | | | | | X | .21 | |
| &AMEROCAT 385 | | RED | FULL | 8.0 | 5.0 | 212 | 148 | 8 hrs | 72 hrs | | | | | X | .21 | |
| AMERCOAT 229T | | WHITE | FULL | 4.0 | 2.0 | 361 | 253 | N/A | | | | | | X | .21 | |
| Product Information | Solid Volume Ratio | Curing Agent | Mixed Ratio Base:Cure | Pot Life | Dry at 70F | | Flash Point deg. F | Thinner (1) | Application (2) | | | | Ventilation Cu.Ft/Gal | | | |
| | | | | | Handle | Hard | | | TempF | | Humidity | | | | | |
| | | | | | | | | | Min | Max | Min | Max | | | | |
| 302H | 78 | PWD | 1 TO 1 | 4 hrs | 1 hrs | 4 hrs | 110° | +/- 10 | 32° | 90° | | 85% | | | | |
| 385 | 66 | 385 | 1 TO 1 | 4 hrs | 4 hrs | 8 hrs | 120° | 65 | 32° | 120° | | 85% | | | | |
| 229T | 45 | 229 | 4 TO 1 | 4 hrs | 4 hrs | 8 hrs | 105° | 911 | 32° | 90° | | 85% | | | | |
| AREA: EXTERIOR STEEL SIS, DECKHOUSES, VENTS, OVERFLOWS, OVERHEAD, SURFACES, DECK GEAR LOCKERS, DOORS, STANCHIONS, EXTERIOR VERTICAL & 45° INCLINED LADDERS, HANDRAILS, BREAKWATERS, VENTILATORS, STACK BULWARK MOUNTED CHOCKS, DAVITS AND RAILS. | | | | | | | | (5) Not more than _____ % by volume. (6) No coating to be applied when substrate is within 5F of dewpoint. | | | | | | | | |

AMERON PERFORMANCE COATINGS AND FINISHES GROUP

STEEL

PAGE50F34

| COATINGS SPECIFICATION | | | | | OWNER: | | | | | JOB: | | | | | |
|---|--------------------|--------------|-----------------------|----------|---|---------------------------------------|-------------------|---|-----------------|--------------------|----------|-------------|-----------------------|---------------|--|
| AREA: ALL EXTERIOR DECKS (6" UP ON VERT. SURFACE) HOUSE TOPS TRAWLWAY, TRAWL RAMP: ETC (CONTINUED IN REMARKS) | | | | | SURFACE PREPARATION: SPOT BLAST TO SP-10 SANDSWEEP ALL REMAINING AREA TO REMOVE ALL CONTAMINATION. | | | | | | | | | | |
| SYSTEM INFORMATION | | COLOR | TYPE COAT | WFT MILS | DFT MILS | SPREAD RATE@ SPEC. DFT Sq.Ft. per Gal | | Overcoat Time at 70F | | Application Method | | | | | |
| | | | | | | Theoretical | Practical | Min. | Max. | Brush | Roller | Conv. Spray | Airless Spray | Airless Spray | |
| DIMETCOTE 302H | | GREEN | FULL | 4.0 | 3.0 | 417 | 292 | 4 hrs | IND. | | | | X | 21 | |
| AMEROCAT 385 | | RED | FULL | 8.0 | 5.0 | 212 | 148 | 8 hrs | IND | | | | X | 21 | |
| AMERCOAT 385 WITH N/S #888 | | DARK GRAY | FULL | 80 | 5.0 | 212 | 148 | N/A | | | | | X | 21 | |
| Product Information | Solid Volume Ratio | Curing Agent | Mixed Ratio Base:Cure | Pot Life | Dry at 70F | | Flash Point deg.F | Thinner(!) | Application (2) | | | | Ventilation Cu.Ft/Gal | | |
| | | | | | Handle | Hard | | | TempF | | Humidity | | | | |
| | | | | | | | | | Min | Max | Min | Max | | | |
| 302H | 78 | PWD | 1 TO 1 | 4 hrs | 1 hrs | 4 hrs | 110° | +/- 10 | 32° | 90° | | 85% | | | |
| 385 | 66 | 385 | 1 TO 1 | 4 hrs | 4 hrs | 8 hrs | 120° | 65 | 32° | 120° | | 85% | | | |
| 385 N/S | 665 | 385 | 1 TO 1 | 4 hrs | 4 hrs | 8 hrs | 120° | 65 | 32° | 120° | | 85% | | | |
| Remarks: NOTE - 888 NON-SKID ADDED TO FINISH COAT AS REQUIRED! *AREA - EXTERIOR HATCH COVERS & INBOARD SIDE OF BULWARKS | | | | | | | | (7) Not more than __ __ % by volume. (8) No coating to be applied when substrate is within 5F of dewpoint. | | | | | | | |

AMERON PERFORMANCE COATINGS AND FINISHES GROUP

STEEL

PAGE60F34

| COATINGS SPECIFICATION | | | | OWNER: | | | | JOB: | | | | | | | | |
|---|--------------------|--------------|-----------------------|--|------------|---------------------------------------|--------------------|---|-----------------|--------------------|----------|-------------|-----------------------|---------------|----|--|
| AREA: ALL EXTERIOR FOUNDATIONS, DECK FITTINGS AND WEATHER HATCH COAMINGS. | | | | SURFACE PREPARATION: SPOT BLAST TO SP-10 AND SANDSWEEP ALL REMAINING AREA TO REMOVE ALL CONTAMINATION. | | | | | | | | | | | | |
| SYSTEM INFORMATION | | COLOR | TYPE COAT | WFT MILS | DFT MILS | SPREAD RATE@ SPEC. DFT Sq.Ft. per Gal | | Overcoat Time at 70F | | Application Method | | | | | | |
| | | | | | | Theoretical | Practical | Min. | Max. | Brush | Roller | Conv. Spray | Airless Spray | Airless Spray | | |
| DIMETCOTE 302H | | GREEN | FULL | 4.0 | 3.0 | 417 | 292 | 4 hrs | IND. | | | | | X | 21 | |
| AMEROCAT 385 | | RED | FULL | 8.0 | 5.0 | 212 | 148 | 8 hrs | IND | | | | | X | 21 | |
| AMERCOAT 385 | | DARK GRAY | FULL | 80 | 5.0 | 212 | 148 | N/A | | | | | | X | 21 | |
| Product Information | Solid Volume Ratio | Curing Agent | Mixed Ratio Base:Cure | Pot Life | Dry at 70F | | Flash Point deg. F | Thinner (1) | Application (2) | | | | Ventilation Cu.Ft/Gal | | | |
| | | | | | Handle | Hard | | | Temp F | | Humidity | | | | | |
| | | | | | | | | | Min | Max | Min | Max | | | | |
| 302H | 78 | PWD | 1 TO 1 | 4 hrs | 1 hrs | 4 hrs | 110° | + JO | 32° | 90° | | 85% | | | | |
| 385 | 66 | 385 | 1 TO 1 | 4 hrs | 4 hrs | 8 hrs | 120° | 65 | 32° | 120° | | 85% | | | | |
| Remarks: | | | | | | | | (9) Not more than __ % by volume. (10) No coating to be applied when substrate is within SF of dewpoint. | | | | | | | | |
| | | | | | | | | | | | | | | | | |

AMERON PERFORMANCE COATINGS AND FINISHES GROUP

STEEL

PAGE 70F34

| | | | | | | | | | | | | | | | |
|--|--------------------------|-----------------|-----------------------------|--|-------------|---|--------------------------|---|-----------------|--------------------|----------|----------------|--------------------------|-------------------------------|--|
| COATINGS SPECIFICATION | | | | OWNER: | | | | JOB: | | | | | | | |
| AREA: DECK MACH. ELECTRIC BRAKE, MOTOR HOUSING EXTERIOR DECK MOUNTED CHOCKS, ETC; (CONTINUED IN REMARKS) | | | | SURFACE PREPARATION: SPOT BLAST TO SP-10 AND SANDSWEEP ALL REMAINING AREA TO REMOVE ALL CONTAMINATION. | | | | | | | | | | | |
| SYSTEM INFORMATION | | COLOR | TYPE COAT | WFT MILS | DFT MILS | SPREAD RATE @ SPEC. DFT Sq.Ft. per Gal | | Overcoat Time at 70F | | Application Method | | | | | |
| | | | | | | Theoretical | Practical | Min. | Max. | Brush | Roller | Conv. Spray | Airless Spray | Airless Spray Nozzle Fan | |
| DIMETCOTE 302H | | GREEN | FULL | 4.0 | 3.0 | 417 | 292 | 4 hrs | IND. | | | | X | 21 | |
| Alv!ERCOAT 385 | | RED | FULL | 8.0 | 5.0 | 212 | 148 | 8 hrs | 72 hrs | | | | X | 21 | |
| A."IERCOAT 229T | | BLAC K | FULL | 4.0 | 2.0 | 361 | 253 | N/A | | | | | X | 21 | |
| Product Information | Solid Volume Ratio | Curing Agent | Mixed Ratio Base:Cure | Pot Life | Dry at 70F | | Flash Point deg. F | Thinner(!) | Application (2) | | | | Ventilation Cu.Ft/Gal | | |
| | | | | | | | | | TempF | | Humidity | | | | |
| | | | | | Handle | Hard | | | Min | Max | Min | Max | | | |
| 302H | 78 | PWD | I TO I | 4 hrs | I hrs | 4 hrs | 110° | +- 10 | 32° | 90° | | 85% | | | |
| 385 | 66 | 385 | I TO I | 4 hrs | 4 hrs | 8hrs | 120° | 65 | 32° | 120° | | 85% | | | |
| 229T | 45 | 229 | 4 TO J | 4 hrs | 4 hrs | 8 hrs | 105° | 911 | 32° | 90° | | 85% | | | |
| Remarks: CLEATS, BITTS AND FAIRLEADS! | | | | | | | | (11) Not more than __ % by volume. (12) No coating to be applied when substrate is within SF of dewpoint | | | | | | | |

AMERON PERFORMANCE COATINGS AND FINISHES GROUP

STEEL

PAGE80F34

| | | | | | | | | | | | | | | | |
|--|--|--------------------------|-----------------|-----------------------------|---|---|-----------|-------------------------|--|--------------------|--------|----------------|------------------|--------------------------|-----|
| COATINGS SPECIFICATION | | | | | OWNER: | | | | | JOB: | | | | | |
| AREA: MASTS, BOOMS, TRUSSES, JACK AND ENSIGN STAFF, KING POSTS AND SIMILAR FITTINGS | | | | | SURFACE PREPARATION: SPOT BLAST TO SP-10 SANDSWEEP ALL REMAINING AREA TO REMOVE ALL CONTAMINATION. | | | | | | | | | | |
| SYSTEM INFORMATION | | COLOR | TYPE COAT | WFT MILS | DFT MILS | SPREAD RATE @ SPEC. DFT Sq.Ft. per Gal | | Overcoat Time at 70F | | Application Method | | | | | |
| | | | | | | Theoretical | Practical | MJn. | Max. | Brush | Roller | Conv. Spray | Airless Spray | Airless Spray | |
| | | | | | | | | | | | | | | Nozzle | Fan |
| DIMETCOTE 302H | | GREEN | FULL | 4.0 | 3.0 | 417 | 292 | 4 hrs | IND. | | | | X | .21 | |
| AMERCOAT 385 | | RED | FULL | 8.0 | 5.0 | 212 | 148 | 8 hrs | 72 hrs | | | | X | .21 | |
| AMERCOAT 229T | | BUFF | FULL | 4.0 | 2.0 | 361 | 253 | N/A | | | | | X | .21 | |
| Product Information | | Solid Volume Ratio | Curing Agent | Mixed Ratio Base:Cure | Pot Life | Dry at 70F | | Flash Point deg.F | Thinner (1) | Application (2) | | | | Ventilation Cu.Ft/Gal | |
| | | | | | | Handle | Hard | | | TempF | | Humidity | | | |
| | | | | | | | | | | Min | Max | MJn | Max | | |
| 302H | | 78 | PWD | 1 TO 1 | 4 hrs | 1 hrs | 4 hrs | 110° | +- 10 | 32° | 90° | | 85% | | |
| 385 | | 66 | 385 | 1 TO 1 | 4 hrs | 4 hrs | 8 hrs | 120° | 65 | 32° | 120° | | 85% | | |
| 229T | | 45 | 229 | 4 TO 1 | 4 hrs | 4 hrs | 8 hrs | 105° | 911 | 32° | 90° | | 85% | | |
| Remarks: | | | | | | | | | (13) Not more than __ % by volume. (14) No coating to be applied when substrate is within 5F of dewpoint. | | | | | | |

AMERON PERFORMANCE COATINGS AND FINISHES GROUP

STEEL

PAGE 90F34

| | | | | | | | | | | | | | | | |
|-------------------------------|--------------------------|-----------------|-----------------------------|---|------------|--|--------------------------|---|-----------------|--------------------|----------|----------------|--------------------------|---------------|--|
| COATINGS SPECIFICATION | | | | OWNER: | | | | JOB: | | | | | | | |
| AREA: ANCHOR | | | | SURFACE PREPARATION: SPOT BLAST TO SP-10 AND SANDSWEEP ALL REMAINING AREA TO REMOVE ALL CONTAMINATION. | | | | | | | | | | | |
| SYSTEM INFORMATION | | COLOR | TYPE COAT | WFT MILS | DFT MILS | SPREAD RATE@ SPEC. DFT Sq.Ft. per Gal | | Overcoat Time at 70F | | Application Method | | | | | |
| | | | | | | Theoretical | Practical | Min. | Max. | Brush | Roller | Conv. Spray | Airless Spray | Airless Spray | |
| DL\ETCOTE 302H | | GREEN | FULL | 4.0 | 3.0 | 417 | 292 | 4 hrs | IND. | | | | X | .21 | |
| AMERCOAT 385 | | BLACK | FULL | 8.0 | 5.0 | 212 | 148 | 8 hrs | 72 hrs | | | | X | .21 | |
| Product Information | Solid Volume Ratio | Curing Agent | Mixed Ratio Base:Cure | Pot Life | Dry at 70F | | Flash Point deg. F | Thinner(!) | Application (2) | | | | Ventilation Cu.Ft/Gal | | |
| | | | | | | | | | TempF | | Humidity | | | | |
| | | | | | Handle | Hard | | | Nlin | Max | Min | Max | | | |
| 302H | 78 | PWD | 1 TO 1 | 4 hrs | 1 hrs | 4 hrs | 110° | + 10 | 32° | 90° | | 85% | | | |
| 385 | 66 | 385 | 1 TO 1 | 4 hrs | 4 hrs | 8 hrs | 120° | 65 | 32° | 120° | | 85% | | | |
| Remarks: | | | | | | | | (!5)Not more than __ % by volume. (!6) No coating to be applied when substrate is within SF of dewpoint. | | | | | | | |

AMERON PERFORMANCE COATINGS AND FINISHES GROUP

STEEL

PAGE 10 OF 34

| | | | | | | | | | | | | | | | |
|---|--|--------------------|--------------|--|----------|--|-----------|-------------------------|---|--------------------|--------|-------------|---------------|-----------------------|--|
| COATINGS SPECIFICATION | | | | OWNER: | | | | JOB: | | | | | | | |
| AREA: ANCHOR CHAIN | | | | SURFACE PREPARATION: SPOT BLAST TO SP-10 AND SANDSWEEP ALL REMAINING AREA TO REMOVE ALL CONTAMINATION. | | | | | | | | | | | |
| SYSTEM INFORMATION | | COLOR | TYPE COAT | WFT MILS | DFT MILS | SPREAD RATE@ SPEC. DFT Sq.Ft. per Gal | | Overcoat Time at 70F | | Application Method | | | | | |
| | | | | | | Theoretical | Practical | Min. | Max. | Brush | Roller | Conv. Spray | Airless Spray | Airless Spray | |
| DIMETCOTE 302H | | GREEN | FULL | 4.0 | 3.0 | 417 | 292 | 4 hrs | IND. | | | | X | 21 | |
| AMERCOAT 385 | | BLACK | FULL | 8.0 | 5.0 | 212 | 148 | 8 hrs | 72 hrs | | | | X | 21 | |
| Product Information | | Solid Volume Ratio | Curing Agent | Mixed Ratio Base:Cure | Pot Life | Dry at 70F | | Flash Point deg. F | Thinner(!) | Application (2) | | | | Ventilation Cu.Ft/Gal | |
| | | | | | | | | | | TempF | | Humidity | | | |
| | | | | | | Handle | Hard | | | Min | Max | Min | Max | | |
| 302H | | 78 | PWD | 1 TO 1 | 4 hrs | 1 hrs | 4 hrs | 110° | +-10 | 32° | 90° | | 85% | | |
| 385 | | 66 | 385 | 1 TO 1 | 4 hrs | 4 hrs | 8 hrs | 120° | 65 | 32° | 120° | | 85% | | |
| Remarks: MARKINGS: AMERCOAT 229C RED AT 2.0 MILS D.F.T. AMERCOAT 229C WHITE AT 2.0 MILS D.F.T. AMERCOAT 229C BLUE AT 2.0 MILS D.F.T. | | | | | | | | | (17) Not more than _____ % by volume. (18) No coating to be applied when substrate is within 5F of dewpoint. | | | | | | |

AMERON PERFORMANCE COATINGS AND FINISHES GROUP

STEEL

PAGE 11 OF 34

| COATINGS SPECIFICATION | | | | | OWNER: | | | | JOB: | | | | | |
|--|--------------------|--------------|-----------------------|----------|---|-----------|-------------------------|--|--------------------|--------|----------------|------------------|-----------------------|-----|
| AREA: | | | | | SURFACE PREPARATION: SPOT BLAST TO SP-10 AND SANDSWEEP ALL REMAINING AREA TO REMOVE ALL CONTAMINATION. | | | | | | | | | |
| SYSTEM INFORMATION | COLOR | TYPE COAT | WFT MILS | DFT MILS | SPREAD RATE@ SPEC. DFT Sq.Ft. per Gal | | Overcoat Time at 70F | | Application Method | | | | | |
| | | | | | Theoretical | Practical | Min. | Max. | Brush | Roller | Conv. Spray | Airless Spray | Airless Spray | |
| | | | | | | | | | | | | | Nozzle | Fan |
| AMERCOAT 385 | RED | FULL | 8.0 | 5.0 | 212 | 148 | 8hrs | 6 mos | | | | X | 21 | |
| AMERCOAT 385 | OFF WHITE | S/C | - | - | - | - | 8 hrs | 6 mos | X | X | | | | |
| AMERCOAT 385 | OFF WHITE | FULL | 8.0 | 5.0 | 212 | 148 | N/A | | | | | X | 21 | |
| Product Information | Solid Volume Ratio | Curing Agent | Mixed Ratio Base:Cure | Pot Life | Dry at 70F | | Flash Point deg. F | Thinner (1) | Application (2) | | | | Ventilation Cu.Ft/Gal | |
| | | | | | Handle | Hard | | | TempF | | Humidity | | | |
| | | | | | | | | | Min | Max | Min | Max | | |
| 385 | 66 | 385 | 1 TO 1 | 4 hrs | 4 hrs | 8 hrs | 120° | 65 | 32° | 120° | | 85% | | |
| AREA: SALTWATER BALLAST TANKS, PUMPABLE FIXED BALLAST TANKS, SEWAGE AND GREY WATER TANKS, COFFERDAMS, CENTERBOARD INTERIOR STEEL ABOVE WATERLINE, VOIDS AND MISCELLANEOUS TANKS. | | | | | | | | (19) Not more than ____ % by volume. (20) No coating to be applied when substrate is within 5F of dewpoint. | | | | | | |

AMERON PERFORMANCE COATINGS AND FINISHES GROUP

STEEL

PAGE 120F34

| COATINGS SPECIFICATION | | | | OWNER: | | | | JOB: | | | | | | | |
|--|--------------------|--------------|-----------------------|--|--|-----------|--------------------------|---|--------------------|--------|-------------|---------------|------------------------|-----|--|
| AREA: FRESH AND POTABLE WATER TANKS | | | | SURFACE PREPARATION: NEAR WHITE METAL BLAST SP-10 | | | | | | | | | | | |
| SYSTEM INFORMATION | COLOR | TYPE COAT | WFT MILS | DFT MILS | SPREAD RATE@ SPEC. DFT Sq.Ft. per Gal | | Overcoat Time at 70°F | | Application Method | | | | | | |
| | | | | | Theoretical | Practical | Min. | Max. | Brush | Roller | Conv. Spray | Airless Spray | Airless Spray | | |
| | | | | | | | | | | | | | Nozzle | Fan | |
| AMERLOCK 400 | GREY | FULL | 6.0 | 5.0 | 266 | 186 | 12 hrs | 10 days | | | | | X | 21 | |
| AMERLOCK 400 | OFF | S/C | - | .. | - | .. | 12 hrs | 10 days | X | X | | | | | |
| AMERLOCK 400 | WHITE OFF WHITE | FULL | 6.0 | 5.0 | 266 | 186 | N/A | | | | | | X | 21 | |
| Product Information | Solid Volume Ratio | Curing Agent | Mixed Ratio Base:Cure | Pot Life | Dry at 70°F | | Flash Point deg. F | Thinner(!) | Application (2) | | | | Ventilation Cu.Ft./Gal | | |
| | | | | | Handle | Hard | | | TempF | | Humidity | | | | |
| | | | | | | | | | Min | Max | Min | Max | | | |
| AMERLOCK 400 | 83 | 400 | 1 TO 1 | 4 hrs | 8 hrs | 12 hrs | 110° | 65 | 32° | 120° | | 85% | | | |
| Remarks: ALLOW 7 DAYS MINIMUM WITH FORCED AIR CIRCULATION AFTER COMPLETE SYSTEM IS APPLIED PRIOR TO FLUSHING AND FILLING TANKS! | | | | | | | | (21) Not more than __ % by volume. (22) No coating to be applied when substrate is within 50' of dewpoint. | | | | | | | |

AMERON PERFORMANCE COATINGS AND FINISHES GROUP

STEEL

PAGE 13 OF 34

| COATINGS SPECIFICATION | | | | OWNER: | | | | JOB: | | | | | | | |
|-------------------------------|--------------------|--------------|-----------------------|---|------------|--|-------------------|--|-----------------|--------------------|----------|-------------|-----------------------|---------------|--|
| AREA: CHAIN LOCKER & SUMP | | | | SURFACE PREPARATION: SPOT BLAST TO SP-10 AND SANDSWEEP ALL REMAINING AREA TO REMOVE ALL CONTAMINATION. | | | | | | | | | | | |
| SYSTEM INFORMATION | | COLOR | TYPE COAT | WFT MILS | DFT MILS | SPRFAD RATE @ SPEC. DFT Sq.Ft. per Gal | | Overcoat Time at 70F | | Application Method | | | | | |
| | | | | | | Theoretical | Practical | Min. | Max. | Brush | Roller | Conv. Spray | Airless Spray | Airless Spray | |
| AMERCOAT 385 | | WHITE | FULL | 8.0 | 5.0 | 212 | 148 | 8hrs | 6 mos | X | X | | X | .21 | |
| AMERCOAT 385 | | RED | S/C | — | — | — | — | 8 hrs | 6 mos | | | | | | |
| AMERCOAT 385 | | RED | FULL | 8.0 | 5.0 | 212 | 148 | N/A | | | | | | | |
| Product Information | Solid Volume Ratio | Curing Agent | Mixed Ratio Base:Cure | Pot Life | Dry at 70F | | Flash Point deg.F | Thinner (I) | Application (2) | | | | Ventilation Cu.Ft/Gal | | |
| | | | | | | | | | Temp F | | Humidity | | | | |
| | | | | | Handle | Hard | | | Min | Max | Min | Max | | | |
| 385 | 66 | 385 | 1 TO 1 | 4 hrs | 4 hrs | 8 hrs | 120° | 65 | 32° | 120° | | 85% | | | |
| Remarks: | | | | | | | | (23) Not more than __ % by volume. | | | | | | | |
| | | | | | | | | (24) No coating to be applied when substrate is within 5F of dewpoint. | | | | | | | |

AMERON PERFORMANCE COATINGS AND FINISHES GROUP

STEEL

PAGE 14F034

| COATINGS SPECIFICATION | | | | OWNER: | | | | JOB: | | | | | | | | |
|---|--------------------|--------------|--------------------------|--|--|-----------|-------------------------|--|--------------------|--------|-------------|---------------|--------------------------|---|-----|--|
| AREA: ELECTRICAL EQUIPMENT IF REQUIRED FOR TOUCH UP OF FACTORY APPLIED SYSTEM | | | | SURFACE PREPARATION: POWER TOOL CORRODED AREAS AND INSURE AREA IS CLEAN OF OIL AND DRY. | | | | | | | | | | | | |
| SYSTEM INFORMATION | COLOR | TYPE COAT | WFT MILS | DFT MILS | SPREAD RATE@ SPEC. DFT Sq.Ft. per Gal | | Overcoat Time at 70F | | Application Method | | | | | | | |
| | | | | | Theoretical | Practical | Min. | Max. | Brush | Roller | Conv. Spray | Airless Spray | Airless Spray | | | |
| | | | | | | | | | | | | | | | | |
| AMBRICOAT 5450 | GRAY | FULL | 7.0 | 3.0 | 241 | 168 | NIA | | | | | | | X | .21 | |
| Product Information | Solid Volume Ratio | Curing Agent | Mixed Ratio Base:Cure | Pot Life | Dry at 70F | | Flash Point deg. F | Thinner (1) | Application (2) | | | | Ventilation Cu.Ft/Gal | | | |
| | | | | | Handle | Hard | | | TempF | | Humidity | | | | | |
| | | | | | | | | | Min | Max | Min | Max | | | | |
| 5450 | 45 | NIA | NIA | NIA | 12hrs | 24 hrs | 9go | NIA | 32° | 90° | | 85% | | | | |
| Remarks: ALREADY PRE-PRIMED NEED APPLY ONLY FINISH PAINT 5450 GRAY | | | | | | | | (25) Not more than __ % by volume. (26) No coating to be applied when substrate is within SF of dewpoint. | | | | | | | | |

AMERON PERFORMANCE COATINGS AND FINISHES GROUP

STEEL

PAGE 150F34

| | | | | | | | | | | | | | | | |
|--|--|--------------------|--------------|--------------------------|--|---|-----------|-------------------------|---|--------------------|--------|-------------|---------------|--------------------------|-----|
| COATINGS SPECIFICATION | | | | | OWNER: | | | | | JOB: | | | | | |
| AREA: VERTICAL LADDERS (OUTSIDE OF TANKS) | | | | | SURFACE PREPARATION: SEE REMARKS NOTED: | | | | | | | | | | |
| SYSTEM INFORMATION | | COLOR | TYPE COAT | WFT MILS | DFT MILS | SPREAD RATE @ SPEC. DFT Sq.Ft. per Gal | | Overcoat Time at 70F | | Application Method | | | | | |
| | | | | | | Theoretical | Practical | Min. | Max. | Brush | Roller | Conv. Spray | Airless Spray | Airless Spray | |
| | | | | | | | | | | | | | | Nozzle | Fan |
| AMERCOAT 5105 | | GRAY | FULL | 3.5 | 2.0 | 481 | 337 | 8 hrs | IND. | | | | X | .21 | |
| AMERCOAT 5450 | | BLACK | FULL | 7.0 | 3.0 | 241 | 168 | NIA | | | | | X | .21 | |
| Product Information | | Solid Volume Ratio | Curing Agent | Mixed Ratio Base:Cure | Pot Life | Dry at 70F | | Flash Point deg. F | Thinner (1) | Application (2) | | | | Ventilation Cu.Ft/Gal | |
| | | | | | | | | | | TempF | | Humidity | | | |
| | | | | | | | | | | Min | Max | Min | Max | | |
| 5105 | | 60 | NIA | NIA | NIA | 4 hrs | 8 hrs | 100° | NIA | 320° | 90° | | 85% | | |
| 5450 | | 45 | NIA | NIA | NIA | 12 hrs | 24 hrs | 90° | NIA | 32° | 90° | | 85% | | |
| Remarks: NOTE: ALL INTERIOR VERTICAL LADDERS SHALL BE SPOT BLASTED TO SP-10 AND SANDSWEEP ALL AREAS IF THAT AREA HAS GONE THROUGH AUTOBLAST. IF NOT ALL AREA WOULD NEED TO BE BLASTED TO SP-10! | | | | | | | | | (27) Not more than _ _ % by volume. (28) No coating to be applied when substrate is within 5F of dewpoint. | | | | | | |

AMERON PERFORMANCE COATINGS AND FINISHES GROUP

STEEL

PAGE !60F34

| COATINGS SPECIFICATION | | | | | OWNER: | | | | JOB: | | | | | | |
|--|--------------------|--------------|-----------------------|----------|--|--|--------------------|----------------------|--|---------------------|----------|-------------|------------------------|---------------|--|
| AREA: ALL EXPOSED INTERIOR STEEL BULKHEADS AND OVERHEADS IN LIVING QUARTERS AND IN SERVICE SPACES, WORK SHOPS, STOREROOMS, DECK | | | | | SURFACE PREPARATION: POWER TOOL OR WIRE BRUSH DAMAGED AREAS, WIPE DOWN ENTIRE AREA WITH A MILD DETERGENT AND RINSE. | | | | | | | | | | |
| SYSTEM INFORMATION | | COLOR | TYPE COAT | WFT MILS | DFT MILS | SPREAD RATE @ SPEC. DFT Sq.Ft. per Gal | | Overcoat Time at 70F | | Application. Method | | | | | |
| | | | | | | Theoretical | Practical | Min. | Max. | Brush | Roller | Conv. Spray | Airless Spray | Airless Spray | |
| AMERCOAT 5105 | | GRAY | FULL | 3.5 | 2..0 | 481 | 337 | 8 hrs | IND. | | | | X | .21 | |
| AMERCOAT 5450 | | RT-8205 | FULL | 7.0 | 3.0 | 241 | 168 | NIA | | | | X | .21 | | |
| Product Infomiation | Solid Volume Ratio | Curing Agent | Mixed Ratio Base:Cure | Pot Life | Dry at ?OF | | Flash Point deg. F | Thinner (1) | Application (2) | | | | Ventilation Cu.Ft./Gal | | |
| | | | | | Handle | Hard | | | TempF | | Humidity | | | | |
| | | | | | | | | | Min | Max | Min | Max | | | |
| 5105 | 60 | NIA | NIA | NIA | 4 hrs | 8 hrs | 100° | NIA | 320° | 90° | | 85 % | | | |
| 5450 | 45 | NIA | NIA | NIA | 12 hrs | 24 HRS | 98° | NIA | 32° | 90° | | 85 % | | | |
| AREALOCKERS AND SIMILAR SPACES, INTERIOR RAILINGS, STANCHIONS, AND ASSOCIATED FITTINGS. SPACES WITH JOINER PANELS #1277 AND #1286 -AMERON 5450 (COLOR) RT 8205 STATEROOMS, HOSPITAL PASSAGE WAYS, SHIPS OFFICE, BRIDGE, MESS ROOM, LOUNGE AND CONFERENCE ROOM. SPACES FINISHED IN STAINLESS STEEL - AMERON 5450 (COLOR) RT 1503 SPACES WITH JOINER PANEL #120 I - AMERON 5450 (COLOR) RT 1505 ALL MODULES (T&S), ALL LABS EXCEPT THE FISH AND WET LABS. NOTE THAT THE HYDRO LAB IS TO HAVE VERI\,ICULITE IN THE PAINT. NOTE: MACHINERY SPACE TO BE COATED WITH 5105 PRIMER & AMERCOAT 5450 (COLOR) RT8205 | | | | | | | | | (29) Not more than __ % by volume. (30) No coating to be applied when substrate is within SF of dewpoint. | | | | | | |

AMERON PERFORMANCE COATINGS AND FINISHES GROUP

STEEL

PAGE 17 OF 34

| | | | | | | | | | | | | | | | |
|---|--------------------|--------------|--------------------------|----------|---|---|-----------------------|--|-----------------|--------------------|----------|-------------|---------------------------|---------------|--|
| COATINGS SPECIFICATION | | | | | OWNER: | | | | JOB: | | | | | | |
| AREA: | | | | | SURFACE PREPARATION: SPOT BLAST TO SP-10 AND SANDSWEEP ALL REMAINING AREA TO REMOVE ALL CONTAMINATION. | | | | | | | | | | |
| SYSTEM IDENTIFICATION | | COLOR | TYPE COAT | WFT MILS | DFT MILS | SPREAD RATE @ SPEC. DFT Sq.Ft. per Gal | | Overcoat Time at 70F | | Application Method | | | | | |
| | | | | | | Theoretical | Practical | Min. | Max. | Brush | Roller | Conv. Spray | Airless Spray | Airless Spray | |
| AMERCOAT 385 | | DARK GREY | FULL | 9.0 | 6.0 | 176 | 124 | 8hrs | IND | | | | X | .21 | |
| AMERCOAT 385 | | RED | FULL | 9.0 | 6.0 | 176 | 124 | N/A | | | | | X | .21 | |
| Product Information | Solid Volume Ratio | Curing Agent | Mixed Ratio Base:Cure | Pot Life | Dry at 70F | | Flash Point deg. F | Thhmer (I) | Application (2) | | | | Ventilation Cu.Ft./Gal | | |
| | | | | | | | | | TempF | | Humidity | | | | |
| | | | | | Handle | Hard | | | Min | Max | Min | Max | | | |
| 385 | 66 | 385 | 1 TO 1 | 4 hrs | 4 hrs | 8 hrs | 120° | 65 | 32° | 120° | | 85% | | | |
| AREA: EXPOSED IN"TERIOR DECKS (6" UP ON VERTICAL SURFACES) IN AUXILIARY MACHINERY AND SERVICE SPACES, WORKSHOPS, STOREROOMS, DECK LOCKERS AND SIMILAR SPACES. | | | | | | | | (31) Not more than __ % by volume. (32) No coating to be applied when substrate is within 5F of dewpoint. | | | | | | | |

AMERON PERFORMANCE COATINGS AND FINISHES GROUP

STEEL

PAGE 180F34

| COATINGS SPECIFICATION | | | | | OWNER: | | | | JOB: | | | | | | |
|---|--------------------|--------------|--------------------------|----------|---|--|-----------------------|--|-----------------|--------------------|----------|-------------|---------------------------|---------------|--|
| AREA: WALKING SURFACES OF FLOOR PLATES, GRATES, DECKS, AND PLATFORMS IN MAIN MACHINERY SPACES. | | | | | SURFACE PREPARATION: SPOT BLAST TO SP-10 AND SANDSWEEP ALL REMAINING AREA TO REMOVE ALL CONTAMINATION. | | | | | | | | | | |
| SYSTEM !\FORMATION | | COLOR | TYPE COAT | WFT MILS | DFT MILS | SPREAD RATE@ SPEC. DFT Sq.Ft. per Gal | | Overcoat Time ar 70F | | Application Method | | | | | |
| | | | | | | Theoretical | Practical | Min. | Max. | Brush | Roller | Conv. Spray | Airless Spray | Airless Spray | |
| AMERCOAT 385 | | RED | FULL | 9.0 | 6.0 | 176 | 124 | 8hrs | IND | | | | X | .21 | |
| AMERCOAT 385 | | DARK GREY | FULL | 9.0 | 6.0 | 176 | 124 | NIA | | | | | X | .21 | |
| Product Information | Solid Volume Ratio | Curing Agent | Mixed Ratio Base:Cure | Pot Life | Dry at 70F | | Flash Point deg. F | Thinner (1) | Application (2) | | | | Ventilation Cu.Ft./Gal | | |
| | | | | | | | | | TempF | | Humidity | | | | |
| | | | | | Handle | Hard | | | Min | Max | Min | Max | | | |
| 385 | 66 | 385 | 1 TO 1 | 4 hrs | 4 hrs | 8 hrs | 120° | 65 | 32° | 120° | | 85% | | | |
| REMARKS: | | | | | | | | (33) Not more than __ % by volume. (34) No coating to be applied when substrate is within SF of dewpoint. | | | | | | | |

AMERON PERFORMANCE COATINGS AND FINISHES GROUP

STEEL

PAGE I90F34

| COATINGS SPECIFICATION | | | | | OWNER: | | | | JOB: | | | | | | |
|--|--------------------------|-----------------|-----------------------------|-------------|---|-----------|-------------------------|--|--------------------|------------|----------------|------------------|--------------------------|-----|--|
| AREA: MACH AND FOUNDATIONS WITHIN MACH SPACES ABOVE FLOOR PLATES TEMP BELOW 200°F | | | | | SURFACE PREPARATION: POWER TOOL CORRODED AREAS | | | | | | | | | | |
| SYSTEM INFORMATION | COLOR | TYPE COAT | WFT MILS | OFT MILS | SPRFAO RATE@ SPEC. OFT Sq.Ft. per Gal | | Overcoat Time at 70F | | Application Method | | | | | | |
| | | | | | Theoretical | Practical | Min. | Max. | Brush | Roll er | Conv. Spray | Airless Spray | Airless Spray | | |
| | | | | | | | | | | | | | Nozzle | Fan | |
| AMERCOAT 5105 | RED | FULL | 3.5 | 2.0 | 481 | 337 | 8 hrs | IND. | | | | | X | .21 | |
| AMERCOAT 5450 | BULK- HEAD GRAY | FULL | 4.0 | 2.0 | 361 | 253 | NIA | | | | | | X | .21 | |
| Product Information | Solid Volume Ratio | Curing Agent | Mixed Ratio Base:Cure | Pot Life | Dry at 70F | | Flash Point deg.F | Thinner (1) | Application (2) | | | | Ventilation Cu.Ft/Gal | | |
| | | | | | Handle | Hard | | | TempF | | Humidity | | | | |
| | | | | | | | | | Min | Max | Min | Max | | | |
| 5105 | 60 | NIA | NIA | NIA | 4 hrs | 8 hrs | 100° | NIA | 320° | 90° | | 85% | | | |
| 5450 | 60 | NIA | NIA | NIA | 4 hrs | 8 hrs | 120° | NIA | 32° | 90° | | 85% | | | |
| REMARKS: | | | | | | | | (35) Not more than __ % by volume. (36) No coating to be applied when substrate is within 5F of dewpoint. | | | | | | | |

AMERON PERFORMANCE COATINGS AND FINISHES GROUP

PAGE200F34

| | | | | | | | | | | | | | | | |
|---|----|--------------------------|-----------------|--|-------------|--|-----------|-------------------------|--|--------------------|--------|----------------|------------------|-------------------------------|--|
| COATINGS SPECIFICATION | | | | OWNER: | | | | JOB: | | | | | | | |
| AREA: MACH SPACES BELOW LOWER LEVEL FLOOR PLATES; ETC; (CONTINUED IN REMARKS) | | | | SURFACE PREPARATION: SPOT BLAST TO SP-10 SANDSWEEP ALL REMAINING AREA. NOTE: ANY REPAIR TO BURN DAMAGE MAY BE POWER TOOL CLEANED | | | | | | | | | | | |
| SYSTEM INFORMATION | | COLOR | TYPE COAT | WFT MILS | DFT MILS | SPREAD RATE@ SPEC. DFT Sq.Ft. per Gal | | Overcoat Time at 70F | | Application Method | | | | | |
| | | | | | | Theoretical | Practical | Min. | Max. | Brush | Roller | Conv. Spray | Airless Spray | Airless Spray Nozzle Fan | |
| DIMETCOTE 302H | | GREEN | FULL | 4.0 | 3.0 | 417 | 292 | 4 hrs | IND. | | | | X | .21 | |
| AMERCOAT 385 | | RED | FULL | 9.0 | 6.0 | 176 | 124 | N/A | | | | | X | .21 | |
| Product Information | | Solid Volume Ratio | Curing Agent | Mixed Ratio Base:Cure | Pot Life | Dry at 70F | | Flash Point deg.F | Thinner (1) | Application (2) | | | | Ventilation Cu.Ft./Gal | |
| | | | | | | | | | | TempF | | Humidity | | | |
| | | | | | | Handle | Hard | | | Min | Max | Min | Max | | |
| 302H | 78 | PWD | I TO I | 4 hrs | 4 hrs | 1 hrs | 4 hrs | 110° | +- 10 | 32° | 90° | | 85% | | |
| 385 | 66 | 385 | I TO I | 4 hrs | 4 hrs | 4 hrs | 8 hrs | 120° | 65 | 32° | 120° | | 85% | | |
| Remarks: INCLUDING FLOOR PLATE SUPPORTS, FOUNDATIONS, TANK TOPS BILGE WELLS, FERROUS PIPE AND OTHER STEEL SURFACES! | | | | | | | | | (37) Not more than __ % by volume. (38) No coating to be applied when substrate is within 5F of dewpoint. | | | | | | |
| | | | | | | | | | | | | | | | |

AMERON PERFORMANCE COATINGS AND FINISHES GROUP

PAGE 21 OF34

| | | | | | | | | | | | | | | | |
|---|--|--------------------------|-----------------|-----------------------------|---|--|-----------|--------------------------|---|--------------------|--------|----------------|------------------|---------------------------|--|
| COATINGS SPECIFICATION | | | | | OWNER: | | | | JOB: | | | | | | |
| AREA: UNEXPOSED STEEL BEHIND INSULATION AND JOINER WORK | | | | | SURFACE PREPARATION: POWER TOOL CORRODED AREAS | | | | | | | | | | |
| SYSTEM INFORMATION | | COLOR | TYPE COAT | WFT MILS | DFT MILS | SPREAD RATE @SPEC. DFT Sq.Ft. per Gal | | Overcoat Time at 70F | | Application Method | | | | | |
| | | | | | | Theoretical | Practical | Min. | Max. | Brush | Roller | Conv. Spray | Airless Spray | Airless Spray | |
| ALIERCOAT 5105 | | RED | FULL | 3.5 | 2.0 | 481 | 337 | 8 hrs | IND | | | | X | 21 | |
| Product Information | | Solid Volume Ratio | Curing Agent | Mixed Ratio Base:Cure | Pot Life | Dry at 70F | | Flash Point deg. F | Thinner (1) | Application (2) | | | | Ventilation Cu.Ft./Gal | |
| | | | | | | | | | | TempF | | Humidity | | | |
| | | | | | | Handle | Hard | | | Min | Max | Min | Max | | |
| 5105 | | 60 | N/A | N/A | N/A | 4 hrs | 8 hrs | 100° | N/A | 32° | 90° | | 85% | | |
| NON ACOUSTIC AREA: TOP COAT WITH 5450. | | | | | | | | | (39) Not more than __ % by volume. (40) No coating to be applied when substrate is >vithin SF of dewpoint. | | | | | | |

AMERON PERFORMANCE COATINGS AND FINISHES GROUP

ALUMINUM

PAGE 220F34

| | | | | | | | | | | | | | | | |
|--|--|--------------------------|-----------------|-----------------------------|---|--|-----------|--------------------------|--|--------------------|--------|----------------|------------------|--------------------------|--|
| COATINGS SPECIFICATION | | | | | OWNER: | | | | | JOB: | | | | | |
| AREA: (CONTINUED IN REMARKS) | | | | | SURFACE PREPARATION: LIGHT SAND SWEEP TO ETCH ALUMINUM | | | | | | | | | | |
| SYSTEM INFORMATION | | COLOR | TYPE COAT | WFT MILS | DFT MILS | SPREAD RATE@ SPEC. DFT Sq.Ft. per Gal | | Overcoat Time at 70°F | | Application Method | | | | | |
| | | | | | | Theoretical | Practical | Min. | Max. | Brush | Roller | Conv. Spray | Airless Spray | Airless Spray | |
| AMERCOAT 385 | | RED | FULL | 8.0 | 5.0 | 212 | 148 | 8hrs | 72 hrs | | | | X | .21 | |
| AMERCOAT 229T | | WHITE | FULL | 4.0 | 2.0 | 361 | 253 | N/A | | | | | X | .21 | |
| Product Information | | Solid Volume Ratio | Curing Agent | Mixed Ratio Base:Cure | Pot Life | Dry at 70°F | | Flash Point deg. F | Thinner (1) | Application (2) | | | | Ventilation Cu.Ft/Gal | |
| | | | | | | | | | | Temp°F | | Humidity | | | |
| | | | | | | | | | | Min | Max | Min | Max | | |
| 385 | | 66 | 385 | 1 TO 1 | 4 hrs | 4 hrs | 8 hrs | 120° | 65 | 32° | 120° | | 85% | | |
| 229T | | 45 | 229 | 1 TO 1 | 4 hrs | 4 hrs | 8 hrs | 105° | 911 | 32° | 90° | | 85% | | |
| Remarks: EXTERIOR ALUMINUM S/S, DECKHOUSE, VENTS, OVERFLOWS, OVERHEAD SURFACES, DECK GEAR LOCKERS, DOORS, STANCHIONS, EXTERIOR VERTICAL AND INCLINED LADDERS, HANDRAILS, BREAKWATERS, VENTILATORS, STACK, BULWARK JOINTED CHOCKS, DAVITS AND RAILS! | | | | | | | | | (41) Not more than __ % by volume. (42) No coating to be applied when substrate is within 5F of dewpoint. | | | | | | |

AMERON PERFORMANCE COATINGS AND FINISHES GROUP

PAGE 230F34

ALUMINUM

| COATINGS SPECIFICATION | | | | | OWNER: | | | | JOB: | | | | | | | |
|---|--------------------|--------------|-----------------------|----------|---|--|-------------------|---|-----------------|--------------------|----------|-------------|------------------------|---------------|-----|--|
| AREA: REMARKS | | | | | SURFACE PREPARATION: LIGHT SAND SWEEP TO ETCH ALUMINUM OR APPLY ONE FULL COAT GALVAPREP PRIMER | | | | | | | | | | | |
| SYSTEM INFORMATION | | COLOR | TYPE COAT | WFT MILS | DFT MILS | SPREAD RATE@ SPEC. DFT Sq.Ft. per Gal | | Overcoat Time at 70F | | Application Method | | | | | | |
| | | | | | | Theoretical | Practical | Min. | Max. | Brosh | Roller | Conv. Spray | Airless Spray | Airless Spray | | |
| AMERCOAT 385 | | RED | FULL | 9.0 | 6.0 | 176 | 124 | 8hrs | IND | | | | | X | .21 | |
| AMERCOAT 385 | | DARK GRAY | FULL | 9.0 | 6.0 | 176 | 124 | N/A | | | | | | X | .21 | |
| (WITH #888 NON SKID) | | | | | | | | | | | | | | | | |
| Product Information | Solid Volume Ratio | Curing Agent | Mixed Ratio Base:Cure | Pot Life | Dry at 70F | | Flash Point deg.F | Thinner (1) | Application (2) | | | | Ventilation Cu.Ft./Gal | | | |
| | | | | | Handle | Hard | | | TempF | | Humidity | | | | | |
| | | | | | | | | | Min | Max | Min | Max | | | | |
| 385 | 66 | 385 | 1 TO 1 | 4 hrs | 4 hrs | 8 hrs | 120° | 65 | 32° | 120° | | 85% | | | | |
| REMARKS: ALL ALUMINUM EXTERIOR DECKS (6" UP ON VERTICAL SURFACES) HOUSE TOPS, EXTERIOR HATCH COVERS, FOUNDATIONS, DECK FITTINGS AND INBOARD SIDE OF BULWARKS. NON SKID GRIT #888 IS TO BE ADDED TO THE FINISH COAT ON ALL DECK SURFACES. | | | | | | | | (43)Not more than ___ % by volume. (44)No coating to be applied when substrate is within 5F of dewpoint. | | | | | | | | |

AMERON PERFORMANCE COATINGS AND FINISHES GROUP

ALUMINUM

PAGE 240F34

| COATINGS SPECIFICATION | | | | OWNER: | | | | JOB: | | | | | | | | |
|--|--------------------|--------------|-----------------------|---|------------|---------------------|--------------------|--|-----------------|--------------------|----------|-------------|-----------------------|---------------|-----|--|
| AREA: ALL EXTERIOR FOUNDATIONS, DECK FITTINGS AND WEATHER HATCH COAMINGS | | | | SURFACE PREPARATION: LIGHT SAND SWEEP TO ETCH ALUMINUM | | | | | | | | | | | | |
| SYSTEM INFORMATION | | COLOR | TYPE COAT | WFT MILS | DFT MILS | SPREAD RATE @ SPEC. | | Overcoat Time at 70F | | Application Method | | | | | | |
| | | | | | | Theoretical | Practical | Min. | Max. | Brush | Roller | Conv. Spray | Airless Spray | Airless Spray | | |
| | | | | | | | | | | | | | | Nozzle | Fan | |
| AMERCOAT 385 | | RED | FULL | 9.0 | 6.0 | 176 | 124 | 8hrs | IND | | | | | X | .21 | |
| AMERCOAT 385 | | DARK GRAY | FULL | 9.0 | 6.0 | 176 | 124 | N/A | | | | | | X | .21 | |
| Product Information | Solid Volume Ratio | Curing Agent | Mixed Ratio Base:Cure | Pot Life | Dry at 70F | | Flash Point deg. F | Thinner (1) | Application (2) | | | | Ventilation Cu.Ft/Gal | | | |
| | | | | | Handle | Hard | | | TempF | | Humidity | | | | | |
| | | | | | | | | | Mill | Max | Min | Max | | | | |
| 385 | 66 | 385 | 1 TO 1 | 4 hrs | 4 hrs | 8 hrs | 120° | 65 | 32° | 120° | | 85% | | | | |
| AREA | | | | | | | | (45) Not more than __ % by volume. (46) No coating to be applied when substrate is within 5F of dewpoint. | | | | | | | | |

AMERON PERFORMANCE COATINGS AND FINISHES GROUP

ALUMINUM

PAGE 250F34

| | | | | | | | | | | | | | | | |
|--|--------------------------|-----------------|-----------------------------|-------------|---|-------|--------------------------|--|-----------------|--------------------|----------|-------|--------------------------|----------------|------------------|
| COATINGS SPECIFICATION | | | | | OWNER: | | | | | JOB: | | | | | |
| AREA: INTERIOR PILOTHOUSE OVERHEAD | | | | | SURFACE PREPARATION: LIGHT SAND SWEEP TO ETCH ALUMINUM | | | | | | | | | | |
| SYSTEM INFORMATION | | COLOR | TYPE COAT | WFT MILS | DPT MILS | | | Overcoat Time at 70F | | Application Method | | | | | |
| | | | | | | | | Theoretical | Practical | Min. | Max. | Brush | Roller | Conv. Spray | Airless Spray |
| AMERCOAT 385 | | RED | FULL | 8.0 | 5.0 | 212 | 148 | 8hrs | 72 hrs | | | | X | 21 | |
| AMERCOAT 229T | | BLACK | FULL | 4.0 | 2.0 | 361 | 253 | N/A | | | | | X | 21 | |
| Product Information | Solid Volume Ratio | Curing Agent | Mixed Ratio Base:Cure | Pot Life | Dry at 70F | | Flash Point deg. F | Thinner (1) | Application (2) | | | | Ventilation Cu.Ft/Gal | | |
| | | | | | | | | | TempF | | Humidity | | | | |
| | | | | | Handle | Hard | | | Min | Max | Min | Max | | | |
| 385 | 66 | 385 | 1 TO 1 | 4 hrs | 4 hrs | 8 hrs | 120° | 65 | 32° | 120° | | 85% | | | |
| 229T | 45 | 229 | 4 TO 1 | 4 hrs | 4 hrs | 8 hrs | 105° | 911 | 32° | 90° | | 85% | | | |
| REMARKS: UNDERSIDE OF PILOTHOUSE VISOR AND OVERHEAD AMERCOAT 229T BLACK | | | | | | | | (47) Not more than __ % by volume. (48) No coating to be applied when substrate is within 5F of dewpoint. | | | | | | | |

AMERON PERFORMANCE COATINGS AND FINISHES GROUP

ALUMINUM

PAGE 26F034

| | | | | | | | | | | | | | | |
|--|--------------------------|-----------------|-----------------------------|---|-------------|-----------|--------------------------|--|--------------------|--------|----------------|------------------|--------------------------|---|
| COATINGS SPECIFICATION | | | | OWNER: | | | | JOB: | | | | | | |
| AREA: MASTS, BOOMS, TRUSSES, JACK AND ENSIGN STAFF, KINGPOSTS AND SIMILAR FITTINGS | | | | SURFACE PREPARATION: LIGHT SAND SWEEP TO ETCH ALUMINUM | | | | | | | | | | |
| SYSTEM I ^{II} FORMATION | COLOR | TYPE COAT | WFT MILS | OFT MILS | | | Overcoat Time at 70F | | Application Method | | | | | |
| | | | | | Theoretical | Practical | Min. | Max. | Brush | Roller | Conv. Spray | Airless Spray | Airless Spray | |
| AMERCOAT 385 | RED | FULL | 8.0 | 5.0 | 212 | 148 | 8hrs | 72 hrs | | | | X | .21 | |
| AMERCOAT 229T | BUFF | FULL | 4.0 | 2.0 | 361 | 253 | N/A | | | | | X | .21 | I |
| Product Information | Solid Volume Ratio | Curing Agent | Mixed Ratio Base:Cure | Pot Life | Dry at 70F | | Flash Point deg. F | Thinner (1) | Application (2) | | | | Ventilation Cu.Ft/Gal | |
| | | | | | | | | | TempF | | Humidity | | | |
| | | | | | Handle | Hard | | | Min | Max | Min | Max | | |
| 385 | 66 | 385 | 1 TO 1 | 4 hrs | 4 hrs | 8 hrs | 120' | 65 | 32' | 120' | | 85% | | |
| 229T | 45 | 229 | 4 TO 1 | 4 hrs | 4 hrs | 8 hrs | 105° | 911 | 32' | 90' | | 85% | | |
| REMARKS: | | | | | | | | (49) Not more than __ % by volume. (50) No coating to be applied when substrate is within 5F of dewpoint. | | | | | | |

AMERON PERFORMANCE COATINGS AND FINISHES GROUP

ALUMINUM

PAGE 270F34

| | | | | | | | | | | | | | | | |
|--|--|--------------------------|-----------------|-----------------------------|---|--|-----------|--------------------------|---|--------------------|--------|----------------|------------------|--------------------------|--|
| COATINGS SPECIFICATION | | | | | OWNER: | | | | | JOB: | | | | | |
| AREA: INTERIOR OF ROLL STABILIZATION TANK AND ALUMINUM PORTION OF CENTERBOARD TRUNK | | | | | SURFACE PREPARATION: LIGHT SAND SWEEP TO ETCH ALUMINUM | | | | | | | | | | |
| SYSTEM INFORMATION | | COLOR | TYPE COAT | WFT MILS | DFT MILS | SPREAD RATE@ SPEC. DFT Sq.Ft. per Gal | | Overcoat Time at 70F | | Application Method | | | | | |
| | | | | | | Theoretical | Practical | Min. | Max. | Brush | Roller | Conv. Spray | Airless Spray | Airless Spray | |
| AMERCOAT 385 | | RED | FULL | 8.0 | 5.0 | 212 | 148 | 8hrs | 6 mos | | | | X | .21 | |
| AMERCOAT 385 | | OFF WHITE | S/C | — | — | — | — | 8 hrs | 6 mos | | x | | | | |
| AMERCOAT 385 | | OFF WHITE | FULL | 8.0 | 56.0 | 212 | 148 | N/A | | | | | X | .21 | |
| Product Information | | Solid Volume Ratio | Curing Agent | Mixed Ratio Base:Cure | Pot Life | Dry at 70F | | Flash Point deg. F | Thinner (1) | Application (2) | | | | Ventilation Cu.Ft/Gal | |
| | | | | | | | | | | TempF | | Humidity | | | |
| | | | | | | | | | | Min | Max | Min | Max | | |
| 385 | | 66 | 385 | 1 TO 1 | 4 hrs | 4 hrs | 8 hrs | 120° | 65 | 32° | 120° | | 85% | | |
| REMARKS: | | | | | | | | | (51) Not more than _ _ % by volume. (52) No coating to be applied when substrate is within 5F of dewpoint. | | | | | | |

AMERON PERFORMANCE COATINGS AND FINISHES GROUP

ALUMINUM

PAGE 280F34

| COATINGS SPECIFICATION | | | | | OWNER: | | | | | JOB: | | | | | |
|--|--------------------|--------------|-----------------------|----------|---|--|-------------------|--|-----------------|--------------------|----------|-------------|-----------------------|---------------|--|
| AREA: EXPOSED INTERIOR (CONTINUED IN REMARKS) | | | | | SURFACE PREPARATION: LIGHT ETCH THE ALUMINUM | | | | | | | | | | |
| SYSTEM INFORMATION | | COLOR | TYPE COAT | WFT MILS | DFT MILS | SPREAD RATE @ SPEC. DFT Sq.Ft. per Gal | | Overcoat Time at 70F | | Application Method | | | | | |
| | | | | | | Theoretical | Practical | Min. | Max. | Brush | Roller | Conv. Spray | Airless Spray | Airless Spray | |
| AMERCOAT 385 | | WHITE | FULL | 8.0 | 5.0 | 212 | 148 | 6HRS | 3 DAYS | | | | X | .21 | |
| AMERCOAT 5450 | | | FILL | 7.0 | 3.0 | 241 | 168 | N/A | I | | | | X | .21 | |
| Product Information | Solid Volume Ratio | Curing Agent | Mixed Ratio Base:Cure | Pot Life | Dry at 70F | | Flash Point deg.F | Thinner (1) | Application (2) | | | | Ventilation Cu.Ft/Gal | | |
| | | | | | Handle | Hard | | | TempF | | Humidity | | | | |
| | | | | | | | | | Min | Max | Min | Max | | | |
| 385 | 66 | 385 | 1 TO 1 | 4 hrs | 4 hrs | 8 hrs | 120° | 65 | 32° | 120° | | 85% | | | |
| 5450 | 45 | N/A | N/A | N/A | 8hrs | 12hrs | 90° | N/A | 32° | 90° | | 85% | | | |
| REMARKS: BULKHEADS AND OVERHEADS IN LIVING QUARTERS, PILOT HOUSE, MACHINERY AND SERVICE SPACES, WORKSHOPS, STOREROOMS, DECK LOCKERS AND SIMILAR SPACES, EXPOSED INTERIOR ALUMINUM, INTERIOR RAILINGS, STANCHIONS AND ASSOCIATED FITTINGS! SPACES WITH JOINER PANELS #1277 A. ID #1286 -AMERON 5450 (COLOR) RT8205 STATEROOMS, HOSPITAL, PASSAGE WAYS, SHIPS OFFICE, BRIDGE, MESS ROOM, LOUNGE AND CONFERENCE ROOMS. SPACES FINISHED IN STAINLESS STEEL-AMERON 5450 (COLOR) RT 1503 SPACES WITH JOINER PANELS #1201 -AMERON 5450 (COLOR) RT 1505 ALL T & S MODULES, ALL LABS EXCEPT THE FISH AND WET LABS. NOTE: THAT THE HYDRO LAB IS TO HAVE VERMICULITE IN THE PAINT. | | | | | | | | (53) Not more than .. % by volume. (54) No coating to be applied when substrate is within 5F of dewpoint. | | | | | | | |

AMERON PERFORMANCE COATINGS AND FINISHES GROUP

ALUMINUM

PAGE290F34

| COATINGS SPECIFICATION | | | | | OWNER: | | | | JOB: | | | | | |
|--|--------------------|--------------|--------------------------|----------|--|-----------|-------------------------|---|--------------------|--------|----------------|------------------|--------------------------|-----|
| AREA: DECKS (6" ON VERTICAL SURFACES) IN MACH (CONTINUED IN REMARKS) | | | | | SURFACE PREPARATION: LIGHT SWEEP TO ETCH THE ALUMINUM | | | | | | | | | |
| SYSTEM FORMATION | COLOR | TYPE COAT | WFT MILS | DFT MILS | SPREAD RATE @ SPEC. DFT Sq.Ft. per Gal | | Overcoat Time at 70F | | Application Method | | | | | |
| | | | | | Theoretical | Practical | Min. | Max. | Brush | Roller | Conv. Spray | Airless Spray | Airless Spray | |
| | | | | | | | | | | | | | Nozzle | Fan |
| AMERCOAT 385 | DARK GREY | FULL | 9.0 | 6.0 | 176 | 124 | 8hrs | IND | | | | X | .21 | |
| AMEROCAT 385 | RED | FULL | 9.0 | 6.0 | 176 | 124 | N/A | | | | | X | .21 | |
| Product Information | Solid Volume Ratio | Curing Agent | Mixed Ratio Base:Cure | Pot Life | Dry at 70F | | Flash Point deg. F | Thinner (1) | Application (2) | | | | Ventilation Cu.Ft/Gal | |
| | | | | | | | | | TempF | | Humidity | | | |
| | | | | | | | | | Min | Max | Min | Max | | |
| 385 | 66 | 385 | 1 TO 1 | 4 hrs | 4 hrs | 8 hrs | 120° | 65 | 32° | 120° | | 85% | | |
| REMARKS: AVOID SERVICE SPACES, WORKSHOPS, STOREROOMS, EXPOSED INTERIOR DECKS, DECK LOCKERS AND SIMILAR SPACES! | | | | | | | | (55) Not more than _____ % by volume. (56) No coating to be applied when substrate is within 5F of dewpoint. | | | | | | |

AMERON PERFORMANCE COATINGS AND FINISHES GROUP

ALUMINUM

PAGE300F 34

| | | | | | | | | | | | | | | | |
|--|--------------------------|-----------------|-----------------------------|-------------|--|--|--------------------------|--|-----------------|--------------------|----------|----------------|--------------------------|---------------|--|
| COATINGS SPECIFICATION | | | | | OWNER: | | | | JOB: | | | | | | |
| AREA: FLOOR PLATES, DECKS AND PLATFORMS IN MACH SPACE | | | | | SURFACE PREPARATION: LIGHT SWEEP TO ETCH THE ALUMINUM | | | | | | | | | | |
| SYSTEM 1:-FORMAT101' | | COLOR | TYPE COAT | WFT MILS | DFT MILS | SPREAD RATE@ SPEC. DFT Sq.Ft. per Gal | | Overcoat Time at 70F | | Application Method | | | | | |
| | | | | | | Theoretical | Practical | Min. | Max. | Brush | Roller | Conv. Spray | Airless Spray | Airless Spray | |
| AMERCOAT 385 | | RED | FULL | 9.0 | 6.0 | 176 | 124 | 8hrs | IND | | | | X | .21 | |
| AMEROCAT 385 | | DARK GREY | FULL | 9.0 | 6.0 | 176 | 124 | N/A | | | | | X | .21 | |
| Product Information | Solid Volume Ratio | Curing Agent | Mixed Ratio Base:Cure | Pot Life | Dry at 70F | | Flash Point deg. F | Thinner (1) | Application (2) | | | | Ventilation Cu.Ft/Gal | | |
| | | | | | | | | | TempF | | Humidity | | | | |
| | | | | | | | | | Min | Max | Min | Max | | | |
| 385 | 66 | 385 | 1 TO 1 | 4 hrs | 4 hrs | 8 hrs | 120° | 65 | 32° | 120° | | 85% | | | |
| REMARKS: | | | | | | | | (57)Not more than __ % by volume. (58)No coating to be applied when substrate is within 5F of dewpoint. | | | | | | | |

ALUMIUM

AMERON PERFORMANCE COATINGS AND FINISHES GROUP

PAGE 31 OF 34

| COATINGS SPECIFICATION | | | | OWNER: | | | | JOB: | | | | | | | | | |
|---|--------------------|--------------|-----------------------|---|------------|---|--------------------|--|-----------------|--------------------|----------|-------------|-----------------------|---------------|---|-----|--|
| AREA: MACH & FOUNDATIONS BELOW 200° (CONTINUED IN REMARKS) | | | | SURFACE PREPARATION: ETCH THE ALUMINUM | | | | | | | | | | | | | |
| SYSTEM INFORMATION | | COLOR | TYPE COAT | WFT MILS | DFT MILS | SPREAD RATE @ SPEC. DFT Sq.Ft. per Gal | | Overcoat Time at 70F | | Application Method | | | | | | | |
| | | | | | | Theoretical | Practical | Min. | Max. | Brush | Roller | Conv. Spray | Airless Spray | Airless Spray | | | |
| AMERCOAT 385 | | EQUIP. GREY | FULL | 8.0 | 5.0 | 212 | 148 | N/A | | | | | | | X | .21 | |
| Product Information | Solid Volume Ratio | Curing Agent | Mixed Ratio Base:Cure | Pot Life | Dry at 70F | | Flash Point deg. F | Thinner (1) | Application (2) | | | | Ventilation Cu.Ft/Gal | | | | |
| | | | | | Handle | Hard | | | TempF | | Humidity | | | | | | |
| | | | | | | | | | Min | Max | Min | Max | | | | | |
| 385 | 66 | 385 | 1 TO 1 | 4 hrs | 4 hrs | 8 hrs | 120° | 65 | 32° | 120° | | 85% | | | | | |
| REMARKS: MACHINERY AND FOUNDATIONS WITHIN MACHINERY SPACES ABOVE FLOOR PLATES WHERE TEMP IS BELOW 200° ft | | | | | | | | (59)Not more than _ _ % by volume. (60) No coating to be applied when substrate is withiu SF of dewpoint. | | | | | | | | | |

AMERON PERFORMANCE COATINGS AND FINISHES GROUP

ALUMINUM

PAGE 33 OF 34

| | | | | | | | | | | | | | | | | |
|--|--|--------------------------|-----------------|-----------------------------|-------------|--|-----------|--------------------------|---|--------------------|--------|----------------|------------------|---------------------------|-----|--|
| COATINGS SPECIFICATION | | | | OWNER: | | | | JOB: | | | | | | | | |
| AREA: STACK MARKINGS | | | | SURFACE PREPARATION: | | | | | | | | | | | | |
| SYSTEM INFORMATION | | COLOR | TYPE COAT | WFT MILS | DFT MILS | SPREAD RATE@ SPEC. DFT Sq.Ft. per Gal | | Overcoat Time at 70F | | Application Method | | | | | | |
| | | | | | | Theoretical | Practical | Min. | Max. | Brush | Roller | Conv. Spray | Airless Spray | Airless Spray | | |
| | | | | | | | | | | | | | | Nozzle | Fan | |
| | | | | | | | | | | | | | | | | |
| Product Information | | Solid Volume Ratio | Curing Agent | Mixed Ratio Base:Cure | Pot Life | Dry at 70F | | Flash Point deg. F | Thinner (1) | Application (2) | | | | Ventilation Cu.Ft./Gal | | |
| | | | | | | | | | | TempF | | Humidity | | | | |
| | | | | | | | | | | Min | Max | Min | Max | | | |
| | | | | | | Handle | Hard | | | 32° | 90° | | 85% | | | |
| AMERCOAT 229T | | 45 | 229T | 4 to 11 | 4 hrs | 4 hrs | 8 hrs | 105° | 911 | | | | | | | |
| REMARKS: TOP BAND BLACK AMERCOAT 229T 2/15 STACK HEIGHT MIDDLE BAND LIGHT BLUE 1/15 STACK HEIGHT BOTTOM BAND DARK BLUE 1/15 STACK HEIGHT | | | | | | | | | (63) Not more than - % by volume. (64) No coating to be applied when substrate is within 5F of dewpoint. | | | | | | | |

AMERON PERFORMANCE COATINGS AND FINISHES GROUP

PAGE340F34

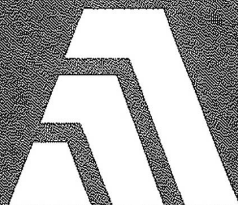
| COATINGS SPECIFICATION | | | | OWNER: | | | | JOB: | | | | | | | | | |
|--|--------------------|--------------|-----------------------|---|------------|--|--------------------|---|-----------------|--------------------|----------|-------------|------------------------|---------------|--|--|--|
| AREA: FUEL, LUBE AND DIRTY OIL TANK | | | | SURFACE PREPARATION: BROOM SWEEP | | | | | | | | | | | | | |
| SYSTEM INFORMATION | | COLOR | TYPE COAT | WFT MILS | DFT MILS | SPREAD RATE@ SPEC. DFT Sq.Ft. per Gal | | Overcoat Time at 70F | | Application Method | | | | | | | |
| | | | | | | Theoretical | Practical | Min. | Max. | Brush | Roller | Conv. Spray | Airless Spray | Airless Spray | | | |
| | | | | | | | | | | | | | | | | | |
| Product Information | Solid Volume Ratio | Curing Agent | Mixed Ratio Base:Cnre | Pot Life | Dry at 70F | | Flash Point deg. F | Thinner (1) | Application (2) | | | | Ventilation Cu.Ft./Gal | | | | |
| | | | | | | | | | TempF | | Humidity | | | | | | |
| | | | | | Handle | Hard | | | Min | Max | Min | Max | | | | | |
| | | | | | | | | | | | | | | | | | |
| REMARKS | | | | | | | | (65) Not more than _ _ _ % by volume. (66) No coating to be applied when substrate is within 5F of dewpoint. | | | | | | | | | |
| NO PAINT TO BE APPLIED | | | | | | | | | | | | | | | | | |

AMERON PERFORMANCE COATINGS AND FINISHES GROUP

ALUMINUM

PAGE320F34

| | | | | | | | | | | | | | | | | |
|---|--|--------------------------|-----------------|---|-------------|---|-----------|--------------------------|---|--------------------|--------|----------------|------------------|--------------------------|--|--|
| COATINGS SPECIFICATION | | | | OWNER: | | | | JOB: | | | | | | | | |
| AREA: UNEXPOSED ALUMINUM BEHIND INSULATION AND JOINER WORK (CONTINUED IN REMARKS) | | | | SURFACE PREPARATION: NO COATING REQUIRED | | | | | | | | | | | | |
| SYSTEM INFORMATION | | COLOR | TYPE COAT | WFT MILS | OFT MILS | SPREAD RATE @ SPEC. OFT Sq.Ft. per Gal | | Overcoat Time at 70F | | Application Method | | | | | | |
| | | | | | | Theoretical | Practical | Min. | Max. | Brush | Roller | Conv. Spray | Airless Spray | Airless Spray | | |
| | | | | | | | | | | | | | | | | |
| Product Information | | Solid Volume Ratio | Curing Agent | Mixed Ratio Base:Cure | Pot Life | Dry at 70F | | Flash Point deg. F | Thinner (1) | Application (2) | | | | Ventilation Cu.Ft/Gal | | |
| | | | | | | | | | | TempF | | Humidity | | | | |
| | | | | | | | | | | Min | Max | Min | Max | | | |
| | | | | | | | | | | | | | | | | |
| REMARKS: NON-ACOUSTIC EXPOSED INSULATION SHALL BE TOPCOATED WITH ONE 3.0 MIL D.F.T. TOPCOAT OF AMERCOAT 5450 WHITE | | | | | | | | | (61) Not more than _ _ % by volume. (62) No coating to be applied when substrate is within 5F of dewpoint. | | | | | | | |



AMERON
INTERNATIONAL
Performance Coatings & Finishes

Amercoat® 2291



Gloss epoxy acrylic topcoat

(229 Series)

Product Data/ Application Instructions

- Gloss topcoat with unlimited recoatability
- Combines the durability and toughness of epoxy with the color and gloss retention of the acrylic polymer
- Low VOC
- Resistant to a broad range of corrosive atmospheres
- Resists soil pickup cleans easily
- Hard, flexible and abrasion resistant

Typical Uses

Amercoat 229T can be used as a finish coat where attractive appearance and a wide range of corrosion resistance is required.

- All above-water areas on ships
- Dock side structures and equipment
- Offshore platforms
- Petroleum refineries and containers
- Chemical plants
- General industrial and marine applications

Typical Systems

| 1st Coat | 2nd Coat | 3rd Coat |
|---|---------------|---------------|
| Amercoat 235, Amercoat 240, Amercoat 370 or Amercoat 385 | Amercoat 229T | — |
| Amerlock Series | Amercoat 229T | — |
| Amercoat 68HS or Amercoat 302H | Amercoat 385 | Amercoat 229T |

Physical Data

| | | |
|-------------------------------|--|-------------------|
| Finish | Gloss | |
| Color* | See color card | |
| Components | 2 | |
| Mixing ratio (by volume) | 4 parts resin to 1 part cure | |
| Curing mechanism | Solvent release and chemical reaction between components | |
| Volume Solids | 56%± 3% | |
| viscosity (EPA Method 24) | lb/gal | g/L |
| unthinned | 3.2 | 384 |
| thinned (1/2 - 1 pint/gal) | 3.5 | 420 |
| Dry film thickness (per coat) | 2-4 mils (50-100 microns) | |
| Coats | 1 or 2 | |
| Theoretical coverage | ft ² /gal | m ² /L |
| 2 mil | 449 | 11.0 |
| 4 mils | 224 | 5.5 |
| Temperature resistance, dry | °F | °C |
| continuous | 200 | 93 |
| intermittent | 250 | 121 |
| Flash Point | °F | °C |
| cure | 80 | 27 |
| resin | 108 | 42 |
| Amercoat 65 | 78 | 26 |
| Amercoat HJ1 | 145 | 63 |
| Amercoat 12 | 2 | -17 |
| Thinners | Amercoat 65, 101 | |
| Cleaner | Amercoat 12 | |

*Certain colors (especially yellow, red and orange) may require additional coats to achieve adequate hiding, particularly when applied over dark or contrasting primer color. Color variance with rapid response tinted colors may be greater than with standard production batches. If color is critical, change batches at natural breaks in structure or intermix batches for consistency.

Yellow, red and orange colors will fade faster than other colors due to the replacement of lead-based pigments with lead-free pigments in these colors.

Application Equipment

The following is a guide; suitable equipment from other manufacturers may be used. Changes in pressure and tip size may be needed for proper spray characteristics.

Airless spray-Standard equipment such as Graco, DeVilbiss, Binks, Speeflo, or others having a 30:1 or higher pump ratio and a fluid tip with orifice 7/16 to 0.021-inch orifice.

Conventional spray-Industrial equipment such as DeVilbiss or Binks spray gun. Separate air and fluid pressure regulators, and a moisture and oil trap in main air supply line are recommended.

Brush or roller Natural bristle brush or solvent-resistant roller with 1/2-inch to 3/4-inch nap. For best appearance when rolling, level any air bubbles with bristle brush.

Application Procedure

Amercoat 229T is packaged in two components in the proper proportions which must be mixed together before use:

1. Flush equipment with thinner or Amercoat 12 before use.
2. Stir each component thoroughly, then add cure to resin and mix until uniformly blended to a workable consistency. Do not mix more material than will be used within 6 hours at 65-80°F (18-27°C). Pot life is shortened by higher temperatures. See pot life data.
3. If relative humidity is less than 70%, no induction time is required. If relative humidity is 70% or greater, allow the mixed material to sit for 30 minutes prior to the start of the application. After the induction period has elapsed, stir the mixed material again to ensure that it is uniformly blended, then proceed with the application.
4. Thin only if necessary for workability.
5. When applying by conventional spray, use adequate air pressure and volume to ensure proper atomization.
6. Apply a wet coat in even parallel passes, overlap 50 percent to avoid holidays, bare areas and pinholes. If required, cross spray at right angles.
7. Application of 5.4 mils (135 microns) wet film thickness will normally provide 3 mils (75 microns) dry film.
8. Clean all equipment with thinner or Amercoat 12 immediately after use.

Shipping Data

| Packaging units | 1 gal | 5-gal |
|--|---------------------------|--------------------|
| cure | 0.2 gal in 1-qt can | 1 gal in 1-gal can |
| resin | 0.8 gal in 1-gal can | 4 gal in 5-gal can |
| Shipping weight (approx) | lb | kg |
| 1-gal unit | | |
| cure | 3 | 1.4 |
| resin | 11 | 5.0 |
| 5-gal unit | | |
| cure | 9 | 4.1 |
| resin | 55 | 25 |
| Shelflife when stored indoors at 40 to 100°F (4 to 38°C) | | |
| resin and cure | 1 year from shipment date | |