

<b>PRODUCT CODE:</b>	<b>ARMOR SHIELD AS236GQD (M6) GRAY</b>
<b>END USE:</b>	DTM RUST INHIBITIVE COATING FOR STRUCTURAL STEEL, BRIDGES, TRANSMISSION TOWERS AND TANK EXTERIORS.
<b>RESIN TYPE:</b>	CALCIUM SULFONATE ALKYD (CSA)
<b>SOLVENT TYPE:</b>	ALIPHATIC HYDROCARBON
<b>VISCOSITY:</b>	85 - 95 KU'S @ 77°F
<b>WEIGHT/GALLON</b>	10.81 ± 0.5 LBS
<b>WEIGHT % SOLIDS:</b>	76 ± 2.0 (DEPENDING UPON COLOR)
<b>VOLUME % SOLIDS:</b>	58 ± 2.0 (DEPENDING UPON COLOR)
<b>SURFACE PREPARATION:</b>	SSPC SP-1, FOLLOWED BY SSPC SP-2, SSPC SP-3, SSPC SP-6, SSPC SP-7 OR SSPC SP-14 (OR EQUIVALENT NACE STANDARDS).
<b>WET FILM:</b>	7 - 12 MILS
<b>DRY FILM:</b>	4 - 7 MILS
<b>FLASH POINT:</b>	105°F
<b>GLOSS 60°:</b>	LOW
<b>THINNER RATIO:</b>	IF REQUIRED USE UP TO 10% MINERAL SPIRITS BY VOLUME.
<b>V.O.C.</b>	2.79 LBS./GALLON (334 gms/liter).
<b>CHARACTORISTICS:</b>	FIRM DRY PROPERTIES. HIGH SOLIDS AND EXCELLENT CORROSION RESISTANCE. CAN BE APPLIED OVER TIGHT RUST.
<b>PERFORMACE CHARACTERISTICS:</b>	
<b>SYSTEM TESTED:</b>	STEEL BLASTED TO SSPC-SP10, 1 COAT OF AS236GQD @ 8 MILS DFT
<b>CYCLIC WEATHERING:</b>	ASTM D5894, 4 CYCLES OR 1500 HOURS
	RUSTING                      ASTM D610      – RATING 10
	BLISTERING                 ASTM D714      – RATING 10
	UNDERCUTTING             ASTM D1854    – RATING 10
<b>SALT FOG RESISTANCE:</b>	ASTM DB117, 1500 HOURS
	RUSTING                      ASTM D610      – RATING 10
	BLISTERING                 ASTM D714      – RATING 10
	UNDERCUTTING             ASTM D1854    – RATING 10
<b>PENCIL HARDNESS:</b>	ASTM D3363                 5B
<b>FLEXIBILITY:</b>	ASTM D522                    PASES 180° BEND ON 1/8" MANDREL

## APPLICATION INSTRUCTIONS

THE RECOMMENDED APPLICATION METHOD FOR ARMOR-SHIELD CSA PRODUCTS IS AS A SINGLE COAT SYSTEM APPLIED AT 7 – 18 mils (175 – 450 microns) WFT OR AS SPECIFIED BY DRY FILM REQUIREMENTS. WHEN USING A TWO-COAT APPLICATION METHOD (i.e. PRIMER/TOPCOAT), A MINIMUM OF 6 HOURS IS REQUIRED BETWEEN COATS.

EQUIPMENT: AIRLESS SPRAY – 30:1 GRACO BULLDOG WITH 3/8” I.D. HIGH PRESSURE LINE AND A GRACO SILVER GUN WITH A 0.017”-0.021” SPRAY TIP.

CONVENTIONAL SPRAY – USE A DV-MBC GUN OR EQUIVALENT WITH A “D” FLUID NOZZLE AND A 64 AIR CAP.

NOTE: BRUSH AND ROLLER APPLICATION CAN BE USED AS WELL AS OTHER SPRAY EQUIPMENT. CONTACT YOUR REPRESENTATIVE FOR RECOMMENDATIONS.

SAG RESISTANCE: 30 MILS DFT

COVERAGE: 175-190 SQUARE FEET PER GALLON @ 5 MILS DFT.

THINNING: UP TO 10% WITH MINERAL SPIRITS AS NECESSARY.

MIXING: MIX BY HAND UNTIL UNIFORM OR POWER MIX IF DESIRED.

DRYING TIMES: DUST FREE.....2 -6 HOURS @ 25°C, 5 MILS DFT, 50% RH  
FIRM.....20 - 48 HOURS @ 25°C, 5 MILS DFT, 50% RH  
RECOATABILITY.....NO MAXIMUM

MAY BE APPLIED AT TEMPERATURES DOWN TO 0°F AS LONG AS NO ICE, FROST, SNOW, ETC. IS PRESENT.

CLEAN-UP: CLEAN EQUIPMENT WITH MINERAL SPIRITS.

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