

ARMOR-SHIELD CSA Series

Calcium Sulfonate Alkyd

PRODUCT INFORMATION

PRODUCT CODE:	ARMOR SHIELD AS8306 (M6) ALUMINUM
END USE:	STRUCTURAL STEEL
RESIN TYPE:	CALCIUM SULFONATE ALKYD (CSA)
SOLVENT TYPE:	ALIPHATIC HYDROCARBON
VISCOSITY:	90 - 120 KU @ 77°F
WEIGHT/GALLON	9.61 ± 0.5 LBS
WEIGHT % SOLIDS:	74 MINIMUM
VOLUME % SOLIDS:	59 MINIMUM
SUBSTRATE:	STEEL
PRETREAT & CLEAN:	SP-1, SP-2, SP-3, SP-6, OR SP-7
WET FILM:	7 - 12 MILS
DRY FILM:	4 - 7 MILS
FLASH POINT:	105°F
GLOSS 60°:	LOW
THINNER RATIO:	IF REQUIRED USE UP TO 10% MINERAL SPIRITS BY VOLUME.
V.O.C.	2.46 LBS./GALLON (294 gms/liter)
CHARACTERISTICS:	FIRM DRY PROPERTIES. HIGH SOLIDS AND EXCELLENT CORROSION RESISTANCE. CAN BE APPLIED OVER TIGHT RUST.

APPLICATION INSTRUCTIONS

THIS PRODUCT CAN BE USED AS A SINGLE COAT SYSTEM OR A TWO-COAT SYSTEM. WHEN USING A TWO-COAT SYSTEM A “WET ON WET” APPLICATION METHOD IS RECOMMENDED. THIS CAN BE ACHIEVED BY APPLYING ONE COAT AT 5-7 WET MILS, LET FLASH FOR TWO HOURS AND APPLY ANOTHER COAT AT 5-7 WET MILS.

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: 60 MILS DFT

COVERAGE: 150-190 SQUARE FEET PER GALLON @ 5 MILS DFT.

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

MIXING: MIX BY HAND OR POWER MIX IF DESIRED.

DRYING TIMES: DUST FREE.....8 HOURS @ 25°C
FIRM.....48 HOURS @ 25°C
RECOATABILITY.....NO MAXIMUM

CLEAN-UP: CLEAN EQUIPMENT WITH MINERAL SPIRITS.