



QF 4.4k

DURA COAT PRODUCTS, INC.
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PRODUCT DATA SHEET DC451W-2008

CUSTOMER: VORTEQ
LOCATION: JACKSON, TN
ATTENTION: RODNEY CURTIS
PRODUCT: CONDUCTIVE DESIGNER WHITE EPOXY
CODE: 451W2008
TYPE: EPOXY

COATING PROPERTIES

WEIGHT PER GALLON:	10.76 ± 0.20 LBS/GAL
% SOLIDS BY WEIGHT:	55 ± 2.0 %
% SOLIDS BY VOLUME:	36 ± 2.0 %
PACKAGE VISCOSITY:	24 - 28" #4Z @ 78° F
V.O.C. - ASTM D 2369:	4.83 LBS/GAL
# HAPS PER SOLID GALLON:	1.85 LBS/GAL
% HAPS BY WEIGHT:	6.14 %
PRODUCT SHELF LIFE:	6 Months (recheck all properties after 3 mo)

APPLICATION PROPERTIES

APPLICATION METHOD:	REVERSE ROLL COAT
APPLICATION VISCOSITY:	AS REQUIRED
REDUCER:	DIACETONE ALCOHOL / BUTYL CELL
SUBSTRATE / GAUGE:	.038" TREATED ALUMINUM
PRETREATMENT:	1402 / 1430 / 1455 / 1500 / 1700 / 2960C OR EQUIV
PRIMER:	N/A**
WET FILM THICKNESS:	2.10 - 2.40 MILS
PEAK METAL TEMPERATURE:	435 - 450° F

DRY FILM PROPERTIES

PRIMER AND DRY FILM THICKNESS:	N/A**
TOPCOAT DRY FILM THICKNESS:	0.75 - 0.85 MILS
TOTAL DRY FILM THICKNESS:	0.75 - 0.85 MILS
PENCIL HARDNESS:	F+
CURE:	50+ MEK DOUBLE RUBS
GLOSS:	15 - 20 @ 60°
T-BEND:	2 - 3T NTO ON .019" ALUMINUM
IMPACT (REVERSE):	28 IN-LB NTO ON .019" ALUMINUM 60 IN-LB ON .038" AND ABOVE
ADHESION:	NTO ON 1.5 X GA ON IMPACTED AREA
METAL MARKING:	N/A
THEORETICAL COVERAGE:	774 FT/GAL @ 0.80 MILS
COLOR ON-LINE:	Delta L +or-0.50 Delta a +or-0.50 Delta b +or-0.50

**THIS PRODUCT IS NOT RoHS COMPLIANT - Resistivity 10⁷ to 10⁹ OHMS/SQ - **MAY BE APPLIED AS A SPLIT COAT SYSTEM WITH THE BASE COAT NOT TO EXCEED 0.25 MILS - COLOR IS VERY SENSITIVE TO DFT
DO NOT REDUCE IF TRYING TO BUILD FILM THICKNESS IN 1 PASS**