

# CSR-800 SERIES HIGH TOP

## TECHNICAL DATA SHEET

REV. 4-06

### Description:

CSR-800 Series HIGH TOP is a high solids, fast drying, Hybrid Acrylic-Urethane Polymer. It has excellent adhesion to a variety of substrates such as, concrete, wood and primed metals. CSR-800 Series HIGH TOP also has excellent abrasion and chemical resistance.

### Typical Properties:

Appearance	Clear Liquid
Total Solids (% by weight)	Max. 90
Total Solids (% by volume)	Max. 90
Surface tension, dynes/cm	40
Viscosity (Brookfield LVF) CPS @ 25 C	600 8.32
Specific Gravity	1.0
Flash point	<70
Freeze/thaw stability	N/A
Thermal stability (28 days 52 C)	No effect
Mechanical stability	Good
V.O.C. (g/l)	45
Tg ©	66

### Free Film Properties:

Tensile strength, psi	6800
Elongation	110 %

### Application Properties of Film:

Dry time @ 25 (c)	60 min.
Dry to touch	90 min.
Dry through	240 min.

### Physical Performance Properties of Dry Film:

All tests were conducted on 5.0 mil films, air-dried for 7 days at ambient temperature.

Hardness	
a) Pencil	2H
b) Sward	60
Tensile Adhesion (ASTM D 4541)	900 psi
Taber abrasion (ASTM D 4060)	36 mg
Impact resistance (ASTM D 2794)	>160
Chemical Resistance (ASTM D 1308)	
Gasoline	No effect
Brake Fluid	No effect
Antifreeze	No effect
Transmission Fluid	No effect
Power Steering Fluid	No effect
MEK	400 rubs
Acetone	400 rubs
IPA	400 rubs
Formula 409	400 rubs

### QUV weatherometer (alclad aluminum 3000 hours)

Oxidation	No effect
Loss of gloss	Slight
Blistering	No effect
Yellowing	No effect

CenturyStone Concrete  
Coatings  
Mesa AZ 480-668-1235