

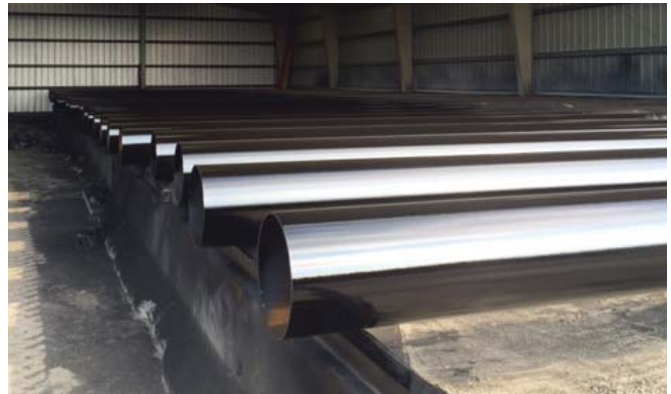
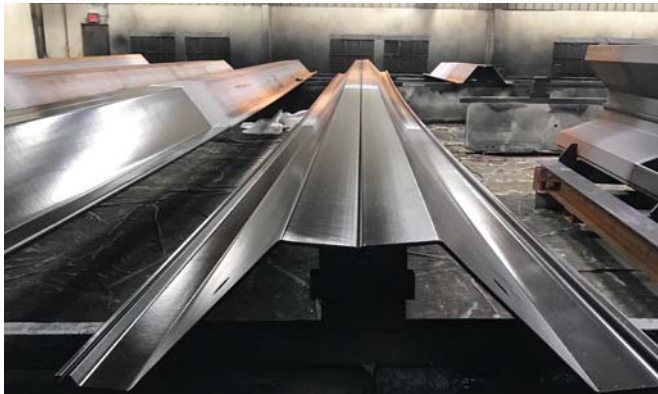


Coal Tar Epoxy Comparison Chart

Test Name / Method	Denso Protal 600 CTE	Sherwin Williams Targuard*	Carboline Bitumastic 300M**
ABRASION RESISTANCE ASTM D4060 1000 CYCLES, CS17 WHEEL, 1000 GRAM LOAD	111 mg loss	137 mg loss	130 mg loss
ADHESION - ASTM D4541	3,400 psi / 23.4 MPa	1,000 psi / 6.9 MPa	1,443 psi / 9.9 MPa
DIRECT IMPACT RESISTANCE - ASTM D2794	100 in lbs / 11 J	36 in lbs / 4 J	100 in lbs / 11 J
PENCIL HARDNESS - ASTM D3363	F	F	F
DRY HEAT RESISTANCE	350°F / 177°C	350°F / 177°C	350°F / 177°C
WET HEAT RESISTANCE	130°F / 54°C	120°F / 49°C	120°F / 49°C
DRY TO TOUCH AT 50°F (10°C)	6 hrs	14 hrs	8 hrs
DRY TO TOUCH AT 77°F (25°C)	3 hrs	9 hrs	4 hrs
DRY TO TOUCH AT 90°F (32°C)	1.5 hrs	4 hrs	2 hrs

* Data obtained from Sherwin Williams Data Sheet November 3, 2014

** Data obtained from Carboline Data Sheet March 2017



DENSO NORTH AMERICA

HOUSTON 9747 Whithorn Drive, / Houston, Texas, / U.S.A. 77095 / Tel: 281-821-3355 / Fax: 281-821-0304

TORONTO 90 Ironside Crescent, / Unit 12, Toronto, / Ontario, Canada M1X1M3 / Tel: 416-291-3435 / Fax: 416-291-0898

www.densona.com

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