



DRIVING SURFACE PERFECTION™

RAPTOR

Test Report: Reference: - AB0818/1 – Page 1  
Prepared August 2018  
Authorized by A Blackburn

Brief: - Determination of abrasion resistance by Taber Abraser of EGC101 in Black and White in the manner of ASTM D4060

Method:

Substrates:

80 grit abraded and degreased cold rolled steel 0.032" thick  
CR steel coated with 2-coats Raptor Epoxy Primer applied as per product specification.

Application: coating was applied using a Shutz gun at 50 psi. Application as two medium coats with a 30-minute flash off time observed between coats. A second application was made using a 1.7mm HVLP spray gun applied as two coats with 5-minute flash off between coats.

Coating was allowed to cure at 20°C ±2°C for 14-days and 30-days before testing.

Taber Abraser model number 5135  
Weight used- 1Kg  
Wheel used CS-10  
Vacuum nozzle height 3mm  
Vacuum setting 100%  
Conditions 20C Relative Humidity 50%

#### **EGC 101 Black**

As a textured coating  
Film build 11.0 Mil

Wear Index 65  
Weight loss per 1000 cycles 65mg  
Wear cycles (through to primer) 25561  
Wear cycles per Mil 2324



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Cont. ; - Test Report: Reference: - AB0818/1 – Page 2  
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**EGC 101 Black**

As a flat coating  
Film build 4.65 Mil

Wear Index 19  
Weight loss per 1000 cycles 19mg  
Wear cycles (through to primer) 11000  
Wear cycles per Mil 2366

**EGC 101 White**

As a textured coating  
Film build 9.0 Mil

Wear Index 46  
Weight loss per 1000 cycles 46mg  
Wear cycles (through to primer) 18550  
Wear cycles per Mil 2061

**EGC 101 White**

As a flat coating  
Film build 4.13 Mil

Wear Index 50  
Weight loss per 1000 cycles 19mg  
Wear cycles (through to primer) 6645  
Wear cycles per Mil 1609