



DRIVING SURFACE PERFECTION™



Test Report: Reference: - AB0718/1 – Page 1
 Prepared July 2018
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Brief: - Determination of the resistance to impact of EGC101 in Black and White in the manner of ASTM D2794 with visual inspection only.

Method:

Substrates:

80 grit abraded and degreased cold rolled steel 0.032” thick

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. DFT 5-Mil

A second set was sprayed as per above but with 2 coats of Raptor Epoxy Primer applied as per product specification.

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

Diameter of punch used- 15.9mm

| | | EGC101 | Black | | White | |
|-------------------------|----------------|--------|-----------|-----------|------------|------------|
| Condition | 14-days at 20C | | Direct | Reverse | Direct | Reverse |
| Bare Steel | | | 65 in.lbf | 65 in.lbf | 90 in.lbf | 90 in.lbf |
| Epoxy coated Bare Steel | | | 80 in.lbf | 85 in.lbf | 90+ in.lbf | 90+ in.lbf |
| Condition | 1-mth at 20C | | Direct | Reverse | Direct | Reverse |
| Bare Steel | | | 65 in.lbf | 65 in.lbf | 90 in.lbf | 90 in.lbf |
| Epoxy coated Bare Steel | | | 65 in.lbf | 70 in.lbf | 90 in.lbf | 65 in.lbf |