



DRIVING SURFACE PERFECTION™



Test Report: Reference: - AB0718/2 – Page 1
Prepared July 2018
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Brief: - Determination of adhesion of EGC101 in Black and White to a number of substrates in the manner of ASTM D3359.

Method:

Substrates:

80 grit abraded and degreased cold rolled steel 0.032" thick

120 grit abraded Aluminium 0.032" thick

120 grit HDG panels 0.032" thick

CR steel coated with 2 coats-Acid#8, 2-coats Raptor Epoxy Primer, 2-coats High#5 or 2 coats S2025 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. DFT 5-Mil

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

Test Method is Method A X cut.

Condition 14-days at 20C

Adhesion test X cut		Black	
Bare Steel	Fail-peels	1A	
Bare Aluminium	Fail-peels	1A	
Bare Galvanized Steel with Epoxy	Fail-peels	1A	
Steel with Acid 8	Pass	5A	
Steel with High 5	Fail-peels	5A	Note- can peel off with blade
Steel with 2K PU S2025	Pass	5A	Note- can peel off with blade- cohesive failure of primer



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Adhesion test X cut	White		
Bare Steel	Fail-peels	1A	
Bare Aluminium	Fail-peels	1A	
Bare Galvanized Steel with Epoxy	Fail-peels	1A	
Steel with Acid 8	Pass	5A	Note- can peel off with blade
Steel with High 5	Fail-peels	5A	Note- can peel off with blade- cohesive failure of primer
Steel with 2K PU S2025	Pass	5A	
Condition 1-Mth at 20C			
Adhesion test X cut	Black		
Bare Steel	Fail-peels	1A	
Bare Aluminium	Fail-peels	1A	
Bare Galvanized Steel with Epoxy	Fail-peels	1A	
Steel with Acid 8	Pass	5A	Note- can peel off with blade
Steel with High 5	Fail-peels	5A	Note- can peel off with blade- cohesive failure of primer
Steel with 2K PU S2025	Pass	5A	
Adhesion test X cut	White		
Bare Steel	Fail-peels	1A	
Bare Aluminium	Fail-peels	1A	
Bare Galvanized Steel with Epoxy	Fail-peels	1A	
Steel with Acid 8	Pass	5A	Note- can peel off with blade
Steel with High 5	Fail-peels	5A	Note- can peel off with blade- cohesive failure of primer
Steel with 2K PU S2025	Pass	5A	



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Note- in all cases adhesion failure is only noted after the edge has been inspected and a sharp blade inserted to pick at the coating.