



**PERFECTOR ACRYLIC FINISH COAT**  
**Testing Summary**

PROPERTY	TEST METHOD	RESULTS
<b>BOND STRENGTH</b>		
on Imasco Polybase-Wet, MPa	ASTM C-297	dry state: 0.18 2 hrs after removal from water: 0.15 7 days after removal from water: 0.21
on Imasco GreatWall, MPa		dry state: 0.64
<b>FLEXIBILITY</b>		
Pliability	ASTM D-522	Passes 5/16" mandrel, at 25 °C
<b>IMPACT RESISTANCE</b>		
Impact Resistance for:		
Perfector + mesh + Polybase-Wet	ASTM D-5420	Pass; no perforation (broken mesh)
<b>WATER RESISTANCE</b>		
Impermeability to Water for:		
Perfector + mesh + Polybase-Wet	CCMC 07240, Section 6.6	No dampness after 2.5 hours
Perfector + mesh + Polybase-Dry		No dampness after 2.5 hours
<b>WATER VAPOUR TRANSMISSION</b>		
Water Vapour Permeance for:		
Perfector, ng/Pa.s.m <sup>2</sup> (perms)	ASTM E-96, Method A	592 (10.34)
Perfector + mesh + Polybase-Wet, ng/Pa.s.m <sup>2</sup> (perms)		395 (6.90)
Perfector + mesh + Polybase-Dry, ng/Pa.s.m <sup>2</sup> (perms)		421 (7.36)
<b>ACCELERATED WEATHERING</b>		
Accelerated Weathering, Xenon Arc Exposure	ASTM G-53	No deleterious effects after 2000 hours
Chalk Resistance, Rating (10=best on scale 1-10)	ASTM D-4214	10 after 2000 hours
<b>MILDEW AND FUNGAL RESISTANCE</b>		
Mildew and Fungal Resistance	MIL 810E	No fungal or mildew development on surface
<b>SALT SPRAY RESISTANCE</b>		
Salt Spray Fog Resistance	ASTM B-117	No cracking, flaking or deleterious effects
<b>SURFACE BURNING</b>		
Flame Spread	ASTM E-84	0
Smoke Development		5
<b>ABRASION RESISTANCE</b>		
Abrasion Resistance	ASTM D-968	Passes (no failure after 1000 L sand)