



**24 Apostle road  
Llandudno  
7060 Cape Town  
South Africa**

## Tests Performed

### **Cyclic Salt Fog**

Excellent 2000 hrs ASTM B-117

### **UV-A Exposure**

Excellent 2000 hrs ASTM D-5894

### **Humidity Cabinet**

Excellent 2000 hrs ASTM D-4585

### **QUV**

Excellent 2000 hrs ASTM G-154

### **Permeability**

Low-4.98 perms (3.28grams/24hrs/m<sup>2</sup>/mm/hg ASTM 1653-03

### **Transmission**

Low-4.14 grains/hr/ft<sup>2</sup> (0.64 grams/24 hrs/cm<sup>2</sup>) ASTM 1653-03

### **Cross Hatch Adhesion**

100% 5 B ASTM D-3359

### **Pull Apart Strength**

260-300 psi ASTM D-4541

### **Elongation Rate**

Above 30% ASTM D-638

### **Thermal Conductivity**

0.660 Btu-in/ft<sup>2</sup>-hr-oF (0.095 W/m/K) ASTM C-177

0.090Btu-in/ft<sup>2</sup>-hr-oF (0.0130 W/m/K) RvE Testing

### **Emissivity**

0.15 Calculated

### **Reflectivity**

0.85 E-903

### **Transmittance**

0.00 Calculated

### **Absorptance**

0.15 Calculated

### **Flame Spread**

5 ASTM E-84

### **Smoke Developed**

5 ASTM E-87

### **Cone Calorimeter**

>6 ASTM E-1384-97