Signature STRUCTURES LLC.

www.SignatureStructuresHome.com

Membrane Properties 22oz

Material Construction

BASE FABRIC	High Tenacity Weft Inserted	High Tenacity Weft Inserted
FILAMENT SIZE	1000 Denier	1000 Denier
CONSTRUCTION	7 f/cm x 7 f/cm	18 f/in x 18 f/in
BASE FABRIC WEIGHT	200 g/m Squared	5.8 oz/yd Squared
FINISHED WEIGHT	750 g/m Squared	22 oz/yd Squared
WIDTH	250 cm	98.5 in

Physical Properties

Grab Tensile (Method 5100)	1998 x 2131 N	450 x 480 lb
Tongue Tear (Method 5134)	Exceeds 444 N	Exceeds 100 lb
Trapezoid Tear (Method 5136)	222 x 200 N	50 x 45 lb
Adhesion In House (Force 2cm)**	67 N	15 lb
Cold Crack (Method 5874 @ 30 C)	No Cracking or Flaking	
Flame Resistance**	Meets World Wide Specifications (See Below)	

*Properties analysis performed according to Federal Test Method 191A except those labeled with "**"

Flame Resistance

Flame resistance has been evaluated using the following flame retardant test standards.

- NFPA 701 – 1996 Edition Test Method 1
- NFPA 702 – 1996 Edition Test Method 2
- NFPA 701 – 1989 Edition Small Scale Test
- NFPA 701 – 1989 Edition Large Scale Test
- CAN/ULC – S109 – M87 Small Flame Test
- CAN/ULC – S109 – M87 Large Flame Test
- CPAI – 84 Section 6 (Horizontal Test) and Section 7 (Vertical Test)
- California Fire Marshall Small Scale Test (Paragraph 1237.1), California Fire Marshall Spec. (Section 13115)
- European Standards – CL 2, Din 4102/B1, M2 SIS 65 00 82, BS 5867 Part 2 1980

The average melting point of all coated fabrics using the Fisher-Johns Melting Point apparatus is:

- 160 C (320 F)

Fungal & Microbial Resistance

Fungal and microbial resistance has been evaluated using the following test standards.

- Fungal Chamber Test: U.S. MIL STD-810E Method 508.4 (1989)
- A.A.T.C.C. Test Method 147-1993 – Staphylococcus Aureus (ATCC # 6538)
- A.A.T.C.C. Test Method 30-1993 – Aspergillus Niger (ATCC # 6275)

Please visit our web site or call us to learn more!