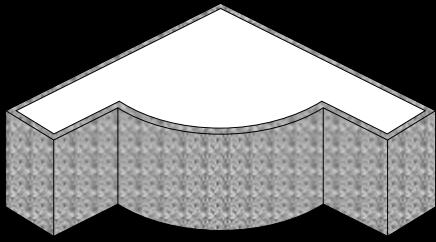




Poly-Armor™ Coating

Technical Data Sheet

**Architectural
Sign Structures
Accents & Details**



Peachtree City
Foamcraft
ARCHITECTURAL ACCENTS & SIGN STRUCTURES



**Bringing you
Decades of
Signage
Experience**

At Peachtree City Foamcraft, we use a proprietary plastic coating to encapsulate and protect our structures from the effects of freeze-thaw, mechanical impact and abrasion. This durable polymer provides protection that far exceeds the requirements of any City, State and Federal zoning authorities.

We understand that every day is not 75 and sunny. To prove our signs are the best, we tested our monument structures under real world, extreme weather conditions - from sub-zero temperatures to desert heat. The results of our testing prove your monument sign will stand the test of time.



Poly-Armor™ @ 60 mils 1lb Expanded Polystyrene

| | ASTM Test | @77 F | @ 32 F |
|----------------------------------|-----------|------------|------------|
| Impact Resistance | G14 | 500 IN-LBS | 350 IN-LBS |
| Elongation | ASTM D412 | 400% | 150% |
| Tensile Strength | ASTM D412 | 3000PSI | 2200 psi |
| Tear Strength | ASTM D624 | 250 pli | 150 pli |
| Flexibility over 1/8" mandrel | ASTM D522 | PASS | PASS |
| Fire Retardant | ASTM E84 | PASS | PASS |

Our products handle thermal cycling and they will not crack, rot or deteriorate due to extreme weather conditions. Our structures will maintain high impact resistance properties from the day they are put into service to the day they are removed.

Poly-Armor™ Lasts for Decades

Peachtree West
1561 Foothill Drive
Boulder City, NV 89005
Phone: 702-856-3306
Fax: 702-856-0480

Peachtree Headquarters
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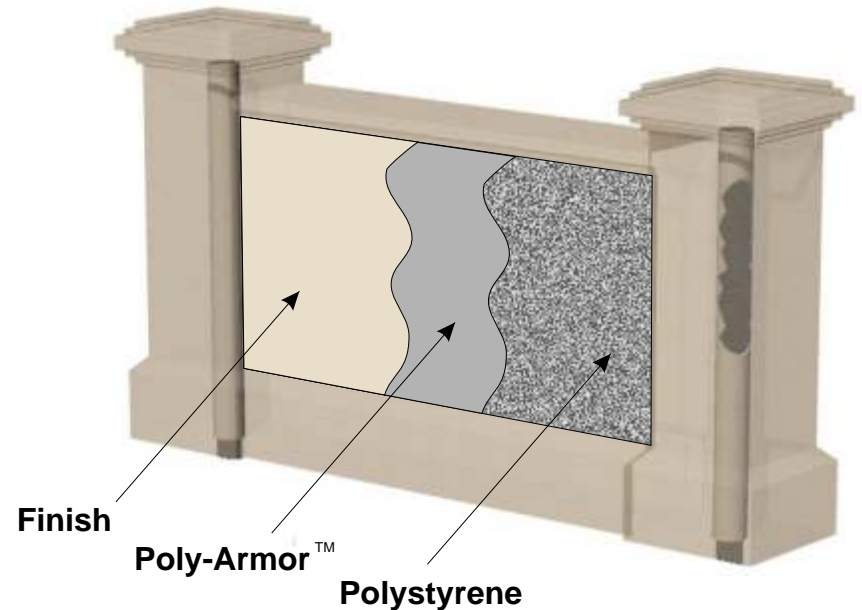
Peachtree Northeast
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Schnecksville, PA 18078
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Peachtree City
Foamcraft
 ARCHITECTURAL ACCENTS & SIGN STRUCTURES

| Expanded Polystyrene | | |
|--|------------------|---------------------|
| Description | Test Method | Results |
| Density, Minimum | ASTM D303 | 1.15 |
| Density, Range | ASTM 1622 | 1.15 – 1.34 |
| Thermal Conductivity @25F BTU @45F (sq ft) @75F (F/in) | ASTM C177 | .22 .235 .255 |
| Compression Strength @ 10% Deformation | ASTM D1 621 | 13-18 |
| Flexural Strength psi | ASTM C203 | 30-38 |
| Tensile Strength psi | ASTM D1 623 | 18-22 |
| Shear psi | ASTM D7 23 | 23-25 |
| Water absorption by immersion | ASTM C272 | Less than 4% |
| Thermal Expansion, in/(in.)(F) | ASTM D6 96 | 0.000035 |
| Oxygen Index, min, volume % | ASTM C578 | 24% |
| Flame Spread | ASTM E-84 | 20 |
| Smoke developed | ASTM E-84 | 150-300 |
| Termite Resistance | ASTM D3 345(mod) | Passed |
| Carpenter Ant Resistance | ASTM D3 345(mod) | Passed |



| FINISH | | |
|------------------------|----------------|--|
| Description | Test Method | Results |
| Freeze/Thaw | ASTM C-67 | No cracking, checking, crazing, erosion or other deleterious effects. |
| Freeze/Thaw | ICBO AC24 | No cracking, checking, crazing, delaminating, erosion, or other deleterious effects. |
| Water Resistance | ASTM D2247-94 | No cracking, checking, crazing, blistering, erosion, or other deleterious effects. |
| Humidity Resistance | ASTM D-2247 | No deleterious change in surface. |
| Mold Resistance | ASTM D3273-94 | No growth of mold observed. |
| Abrasion Resistance | ASTM D-968-93 | No cracking, checking or loss of film. |
| Salt Spray | ASTM B117-95 | No cracking, crazing, blistering, erosion or deleterious effects. |
| Accelerated Weathering | ASTM G-53 | No surface changes such as cracking, checking, crazing and erosion. |
| Accelerated Weathering | ASTM G23-93 | No surface changes such as cracking, checking, crazing and erosion. |
| Fade Resistance | ASTM D-1729-89 | Passed |