



Sarnafil Décor Roof Systems





“The Décor Roof System gave the school district the performance they needed, with the appearance they wanted.”

— Richard Skendzel, president of Architecture Technology

Sarnafil Décor Roof Systems – Take roofing to a new level

You have a vision of your building design. You want the roof to enhance your design, not dictate it.

To look like a metal roof, but protect like a one-piece membrane. To inspire confidence, regardless of slope, shape, or complexity. To fit the owner's budget now—and for decades to come.

Your vision demands the best.

Realize your design with Sarnafil Décor Roof Systems. Décor is the ideal choice for new or existing buildings that call for the appearance of a metal roof, yet require maximum watertight performance. Décor Roof Systems deliver...

Aesthetics of metal roofs, but the watertight integrity of hot-air welded thermoplastic membrane.

Design flexibility to express your creativity as never before—regardless of roof slope, shape, or complexity.

Proven performance spanning forty years of delivering long-lasting, high-quality roofing systems.

Low life-cycle costs driven by minimal maintenance requirements and exceptional system longevity.

EnergySmart Roof® colors that meet ENERGY STAR®, Title 24 and LEED requirements for solar reflectance and emissivity ratings.* Improve the energy saving performance of your roof by choosing one of four EnergySmart Roof colors.

*See product data sheets for reflectivity and emissivity ratings.



Project

Traverse Bay Area Intermediate School District, Traverse City, MI

Architect

Architecture Technology, Traverse City, MI

Roofing Contractor

Bloxsom Roofing and Siding Company, Traverse City, MI

The Challenge

Select a roofing system that will perform well over time and be aesthetically pleasing

The Solution

Sarnafil Décor Roof System in Copper Brown

Decor is available in seven standards colors: White, Tan, Light Grey, Patina Green, Lead Grey, Copper Brown, Evergreen, or an unlimited number of custom colors.

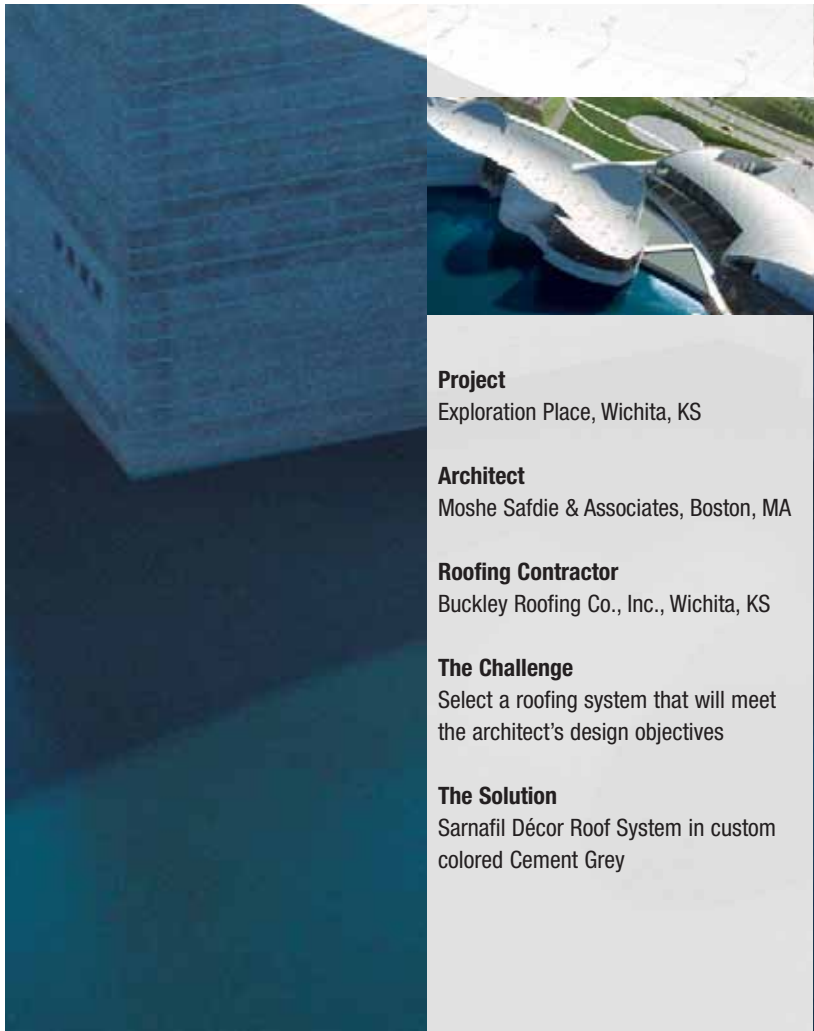


Because of printing process variations, colors shown in this brochure may vary slightly from actual membrane colors.

Call Sarnafil at (800) 576-2358 to request membrane samples.



Sarnafil Milestone Management
The Sarnafil Milestone Management™ process integrates proven materials, skilled workmanship, and expert assistance into every phase of every project for comprehensive quality control. The result: peace of mind for architects, engineers, owners, and occupants alike.



Project

Exploration Place, Wichita, KS

Architect

Moshe Safdie & Associates, Boston, MA

Roofing Contractor

Buckley Roofing Co., Inc., Wichita, KS

The Challenge

Select a roofing system that will meet the architect's design objectives

The Solution

Sarnafil Décor Roof System in custom colored Cement Grey



Sarnafil Décor Roof Systems – Because appearance counts



The Aesthetics of Metal Roofs

Décor Roof Systems provide the look of metal roofs with both standing-seam Décor Profile and batten-seam Décor Batten configurations. Décor Batten, often specified for larger or elevated roofs, provides an alternative design for more visual impact.

Design Flexibility

With Décor, you are no longer held hostage to roof or building geometry. You can expand your artistic expression without being limited by roofing materials that are ill-suited to free-form design and require expensive recaulking and other annual maintenance.

Freedom to Choose

- Décor Profile or the larger Décor Battens.
- Décor colors:
White, Tan, Light Grey, Patina Green, Lead Grey, Copper Brown, Evergreen, or a custom color. Or, one color for ribs, another for membrane.
- Rib length and spacing.
- The positioning of ribs before they are hot-air welded in place.

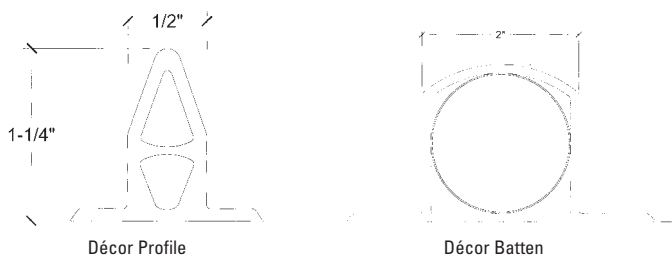
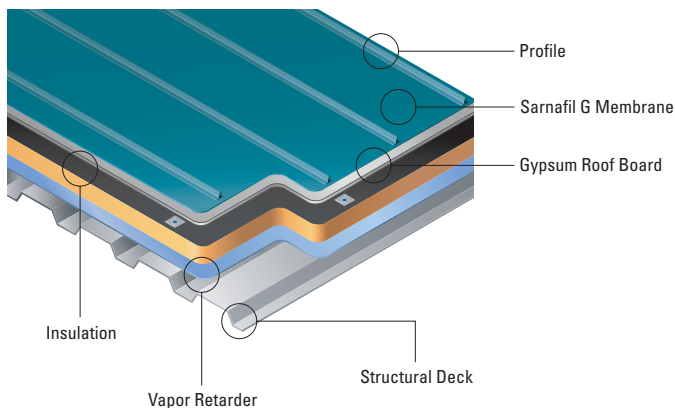


“The powerful geometries of the island and land wings of Exploration Place required a roofing system that would lend itself to the positive and negative toroidal forms of the roofs.”
— Hugh Phillips, principal at Moshe Safdie and Associates



Décor Profiles and Battens have the same product formulation as the Sarnafil membrane, ensuring that colors match, both initially and over time. The ribs come in ten-foot sections that are connected on the roof and permanently fused to the Sarnafil membrane using the Sarnamatic hot-air welder. The Sarnamatic is designed specifically to weld Sarnafil membranes and includes patented* kits for welding Décor Profile and Batten installation.

The result: The finished roof conforms to your design.



*U.S. patent numbers 6,325,126; 6,533,014; 6,453,964; and 6,554,947

"The Sarnafil Décor Roof System resulted in a savings of about one million dollars."

— Robert Marz, vice president at Roth Marz Partnership



Sarnafil Décor Roof Systems – Because performance is mandatory

Manufacturing high-quality roofing systems for more than forty years, Sika Sarnafil has more experience than any other North American thermoplastic membrane manufacturer. Our roofs have proven their worth consistently, again and again, regardless of climate.

Sarnafil membrane up close . . .

Décor Roof Systems use Sarnafil G410 thermoplastic vinyl membrane, a time-tested product that has proven its ability to withstand weather extremes in all climates around the world. The membrane has an integral fiberglass reinforcement that provides exceptional dimensional stability and a low coefficient of thermal expansion. A felt backing on the membrane helps to achieve a smooth appearance over common roofing substrates.

G410 membrane is hot-air welded to produce watertight seams that are even stronger than the membrane itself. And, unlike metal roofs, where penetrations and detailing are a common source of leakage, Décor's hot-air welded flashings remain watertight.

. . . and over the long haul.

All told, Sika Sarnafil has manufactured billions of sq. ft. of thermoplastic membrane—using the same basic formulation—since 1964. And we back up our membrane performance with a choice of warranty durations and types of coverage.

We'll show you the difference. Now.

Let Sarnafil show you how good your building can look with a Décor Roof System. Request your FREE informative Décor Design Guide. Call 1-800-576-2358 or visit www.sarnafilus.com/decor.

Sarnafil membrane consistently comes out on top in independent testing of roof membrane performance. Décor Roof Systems meet or exceed all relevant standards, including those of ASTM, UL, and Factory Mutual.



Project

Erie Intermodal Transportation Center,
Erie, PA

Architect

Roth Marz Partnership P.C., Erie, PA

Roofing Contractor

A.W. Farrell and Son, Inc., Erie, PA

The Challenge

A cost-effective roofing system that will meet the architect's design objectives

The Solution

Sarnafil Décor Roof System in Patina Green



Décor Roof System in Copper Brown



Décor Roof System in Lead Grey



Décor Roof System in Patina Green

Sarnafil Membranes Meet or Exceed All ASTM D-4434 Requirements

Parameters	ASTM Test Method	Minimum ASTM D-4434 Requirements	Sarnafil G-410 Membrane*
Reinforcing material	—	—	Fiberglass
Overall thickness, min., inches (mm)	D638	0.045 (1.14)	0.060 (1.500)
Tensile strength, min., psi (MPa)	D638	1500 (10.4)	1600 (11.1)
Elongation at break, min. (machine x transverse)	D638	250%/230%	250%/230%
Seam strength,** min. (% of tensile strength)	D638	75	80
Retention of properties after heat aging	D3045	—	—
Tensile strength, min., (% of original)	D638	90	95
Elongation, min., (% of original)	D638	90	90
Tearing resistance, min., lbf (N)	D1004	10 (45.0)	14 (63.0)
Low temperature bend, -40°F (-40°C)	D2136	Pass	Pass
Accelerated weathering test (Fluorescent UV)	G154	5,000 Hours	Pass
Cracking (7X magnification)	—	None	None
Discoloration (by observation)	—	Negligible	Negligible
Crazing (7X magnification)	—	None	None
Linear dimensional change	D1204	0.10 %	0.02%
Weight change after immersion in water	D570	±3.0%	2.5%
Static puncture resistance, 33 lbf (15 kg)	D5602	Pass	Pass
Dynamic puncture resistance, 7.3 ft-lbf (10 J)	D5635	Pass	Pass

* Based on typical membrane properties. Variations in manufacturing may occur.

** Failure occurs through membrane rupture, not seam failure.

Sika – Your Local Partner with a Global Presence

Sika is a globally active company in the speciality and construction chemicals business. It has subsidiary manufacturing, sales and technical support facilities in over 70 countries around the world.

Sika is THE global market and technology leader in waterproofing, sealing, bonding, dampening, strengthening and protection of buildings and civil engineering structures.

Sika has more than 10,000 employees worldwide and is therefore ideally positioned to support the success of its customers.



Sarnafil Décor Roof Systems are the ideal choice for aesthetics, design freedom, and long-lasting, cost-effective performance.

Quick Reference Guide

Your requirements are...

Décor Roof Systems provide...

Aesthetics

- Metal roof appearance with standing-seam profiles or battens
- Only thermoplastic membrane with factory-applied acrylic coating

Design flexibility

- Any roof size, shape, or slope
- Two rib designs: Décor Profile and Décor Batten, in any length and spacing
- Seven standard colors or unlimited custom colors

Watertight integrity

- Quality that meets or exceeds ASTM standards with watertight, hot-air welded seams
- Permanent watertight flashing and detailing

Proven performance

- An industry veteran that has produced billions of sq. ft. of membrane since 1964
- The same basic membrane formulation that has protected buildings for more than 40 years
- Material that consistently ranks as the highest quality thermoplastic membrane in independent testing

Low life-cycle costs

- Long-lasting membrane that does not rust or corrode
- Membrane that requires no resurfacing or recoating
- Hot-air welded seams that require no maintenance

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Sarnafil®

