



# ROOFING

## Décor Roof Systems

**Sarnafil®**

**BUILDING TRUST**





## Sarnafil Décor Roof Systems

# TAKE ROOFING TO A NEW LEVEL

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 60+ years of delivering long-lasting, high-quality roofing systems.

**LOW LIFE-CYCLE COSTS** driven by minimal maintenance requirements and exceptional system longevity.

**THICKNESS GUARANTEE PROGRAM** that goes beyond industry standards and ensures that all Sarnafil-branded membranes meet or exceed labeled thickness.

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



Décor is available in seven standard colors: White, Tan, Light Gray, Patina Green, Lead Gray, Copper Brown, Evergreen, or a nearly unlimited number of custom colors.

### EnergySmart Roof COLORS ON TOP ROW.



Because of printing process variations, colors shown in this brochure may vary slightly from actual membrane colors. Call Sika Corporation—Roofing at 866-255-3738 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.

\*\* See product data sheets for reflectivity and emissivity ratings.

ON THE COVER: A beautiful Décor Roof System adorns the Martins Ferry High School, home of the purple riders in Martins Ferry, OH.

**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



“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

# BECAUSE APPEARANCE COUNTS

A Décor Profile hot-air welded to the membrane surface mimics the appearance of a standing seam metal roof. You enjoy the appearance of metal without the cost or performance issues.\*

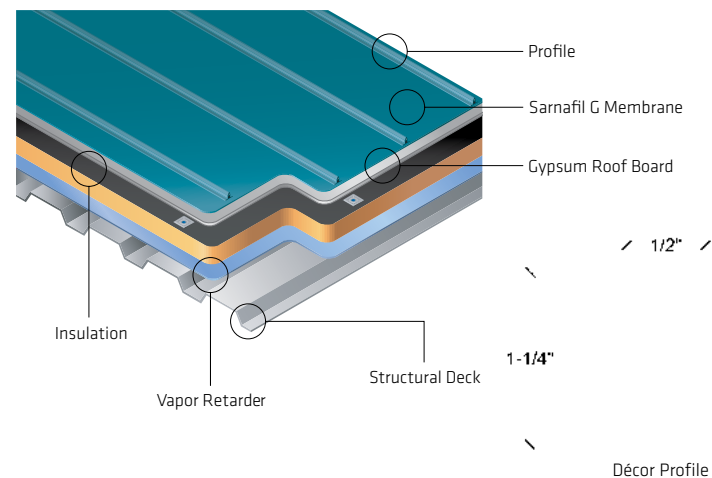
### DESIGN FLEXIBILITY

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. The result, the finished roof conforms to your design.

### FREEDOM TO CHOOSE

- Décor colors: White, Tan, Light Gray, Patina Green, Lead Gray, 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

**Décor PROFILES** have the same product formulation as the Sarnafil membrane, ensuring that colors match, both initially and over time. The ribs come in 10-foot sections that are connected on the roof and permanently fused to the Sarnafil membrane using the hot-air welder.



\* As with all roof system assemblies, appearance may vary due to roof deck conditions, system buildup or other conditions specific to the project.

**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 Gray



“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



## Sarnafil Décor Roof Systems

# BECAUSE PERFORMANCE IS MANDATORY

Manufacturing high-quality roofing systems for over 60 years, Sika has more experience than any other North American thermoplastic membrane manufacturer. Our roofs have proved 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 proved 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 has manufactured billions of square feet of thermoplastic membrane and has more than 60 years of vinyl membrane production experience. 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 Sika show you how good your building can look with a Décor Roof System. Request your FREE informative Roof Evaluation. Call 866-255-3738

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. The finished roof conforms to your design.

### 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 *Based on...
Overall thickness, mil	D751	45	60
Thickness above scrim, mil	–	16	27
Felt Weight oz/yd <sup>2</sup>	–	–	9
Breaking Strength, lbf/in (N)	D751	55 (245)	80 (356)
Elongation at break, min. Machine direction % Cross direction %	D751	– 250 220	250 220
Seam strength,**Failure occurs min. (% of original)	D751	75	Pass
Retention of properties after heat aging	D3045	–	–
Tensile strength, min. (% of original)	D751	90	Pass
Elongation, min. (% of original)	D751	90	Pass
Tearing resistance, lbf (N)	D1004	10 (45.0)	17.5 (78)
Low temperature bend, -40°F (-40°C)	D2136	Pass	Pass
Accelerated weathering test (Fluorescent light, UV exposure)	G154	5,000 Hours	10,000 Hours
Cracking (7X magnification)	–	None	None
Discoloration (by observation)	–	Negligible	Negligible
Crazing (7X magnification)	–	None	None
Linear dimensional change (CD), %	D1204	0.10% max.	-0.02%
Weight change after immersion in water	D570	±3.0%	1.9%
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.

**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

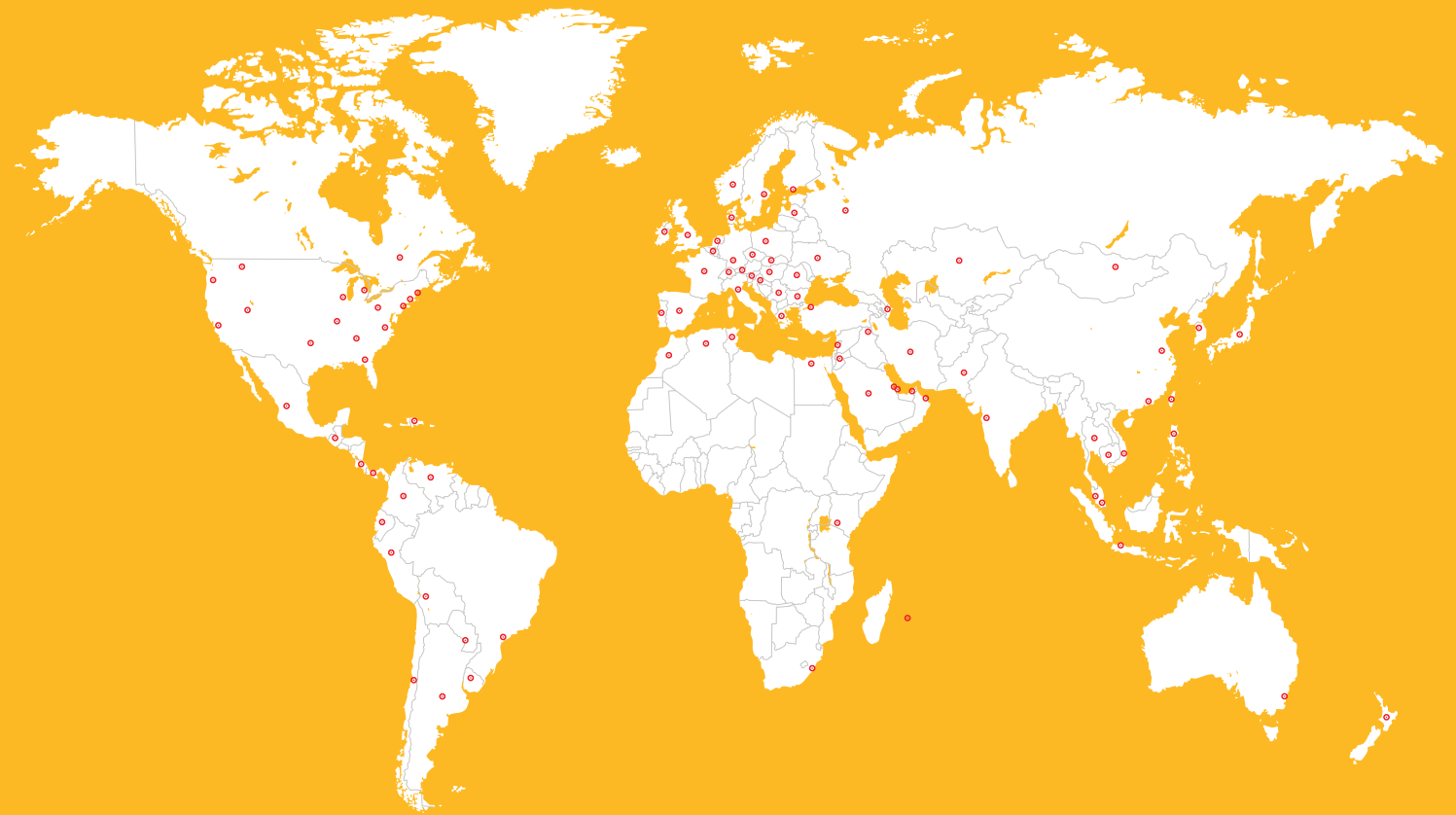
**THE SOLUTION:** Sarnafil Décor Roof System in Patina Green



**“THE Sarnafil Décor Roof System RESULTED IN A SAVINGS OF ABOUT ONE MILLION DOLLARS.”**

– Robert Marz, vice president at Roth Marz Partnership

# GLOBAL BUT LOCAL PARTNERSHIP



## BUILDING TRUST, EVERY DAY

With over 100 years of experience, Sika is a worldwide innovation and sustainability leader in the development and production of systems and products for construction, as well as the marine, automotive, and renewable energy manufacturing industries. Sika has offices in over 100 countries with over 300 manufacturing facilities and more than 27,000 employees worldwide. With annual sales of 9.5+ billion dollars in 2021, our commitment to quality, innovation, and the environment as well as putting our customer's needs first, encompasses why Sika is a global leader in our industries. Sika, Building Trust.

Our most current General Sales Conditions shall apply. Please consult the most current local Product Data Sheet prior to any use.



LEED® is a trademark of the U.S. Green Building Council.  
Green Globes® is a trademark of the Green Building Initiative.

## QUICK REFERENCE GUIDE

**YOUR REQUIREMENTS ARE... Décor Roof Systems PROVIDE...**

### Aesthetics

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

### Design flexibility

- Any roof size, shape, or slope
- Rib design: Décor Profile, in any length and spacing
- Seven standard colors or nearly unlimited custom colors available

### 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 1962
- More than 60 years of vinyl membrane production history
- 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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