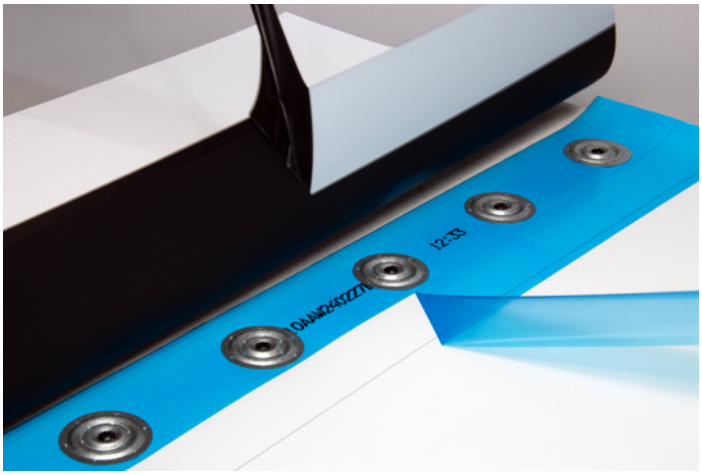
Innovative New Products

SURE-WELD TPO WITH SEAMSHIELD™ PROTECTIVE FILM

Carlisle's patented SeamShield technology provides an easy-to-remove protective film on the top and bottom seam areas of Sure-Weld TPO membrane to protect the entire seam area from dirt, debris, and adhesive overspray to reveal a factory-clean surface when removed prior to welding. Installing Sure-Weld TPO with SeamShield Technology improves productivity by eliminating the time and materials used to clean seams and improves ergonomics by reducing time spent bent over cleaning seams. SeamShield is perfect for reroofing applications where the presence of extra dirt can lead to extra time spent cleaning seams. It also reduces the need to protect the seam area in adhered applications where overspray lengthens cleaning times.



16' SURE-WELD TPO MEMBRANE

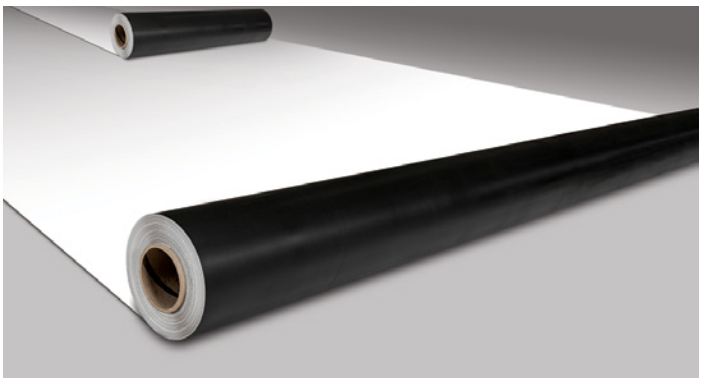
Carlisle's introduction of the industry's first-ever 16-foot-wide TPO sheet brings labor savings and efficiency to get more done in less time. With fewer rolls to load on to the roof, less time spent positioning and kicking out rolls, and fewer seams to weld, 16' TPO is the fastest and most efficient way to install adhered and induction welded TPO roofs.

Unloading:

- 16' rolls are 2-packed for easy stacking, storage, and trucking as well as more efficient jobsite loading
- Unload from the truck directly onto the roof before unpacking 2-packs whenever possible
- If using forklift or lull, unload from the side. Use carpet pole or long forks (6' or longer) if loading/unloading from the ends – Avoid using short forks (4' or shorter)

On the roof:

- Load rolls so that each 2-pack is close to where the rolls will eventually be installed
- Use 4-wheel carts, roll movers, or insulation fork carts with large wheels to easily move rolls long distances across the roof when necessary
- Move single rolls by rolling them across the roof
- To turn or spin rolls, roll them onto a scrap piece of polyiso insulation to spin them easily

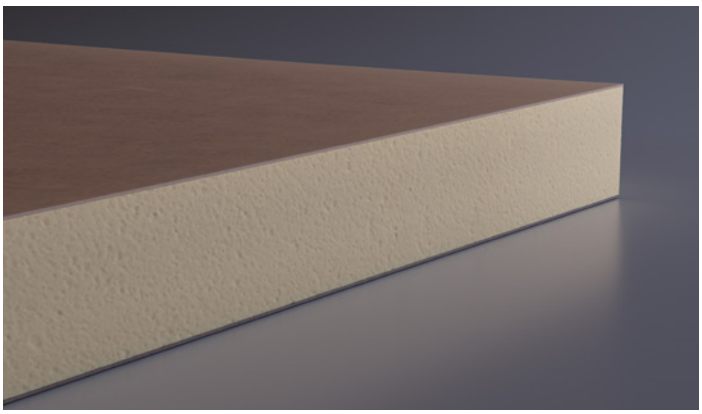


FLEECEBACK® RAPIDLOCK RL™ TPO MEMBRANE

Carlisle's RapidLock (RL) Roofing System is a revolutionary method of membrane attachment resulting in an adhered membrane without the use of adhesives. This innovative system utilizes VELCRO® Brand Securable Solutions along with FleeceBACK RL TPO to achieve performance equal to traditional adhered single-ply systems. FleeceBACK RL TPO is used in conjunction with an approved RapidLock insulation board, resulting in a VOC- and odor-free attachment method having no temperature restrictions. Significant labor savings are achieved due to the simplicity of the system and ease of installation.

THERMATHIN™ 7 POLYISO INSULATION

ThermaThin 7 is a next generation rigid roof insulation panel engineered with an advanced closed cell polyisocyanurate foam core formulated to deliver R7 per inch, providing significantly improved thermal efficiency over other insulation products. Each panel is bonded on both sides to high performance glass reinforced or coated glass facers designed for durability, consistent adhesion performance, and compatibility across Carlisle single-ply roofing systems. ThermaThin 7 is designed for contractors seeking higher thermal value in thinner assemblies, optimized system performance, and improved design flexibility, making it ideal for space constrained roof sections, energy sensitive projects like cold storage, and premium building applications.

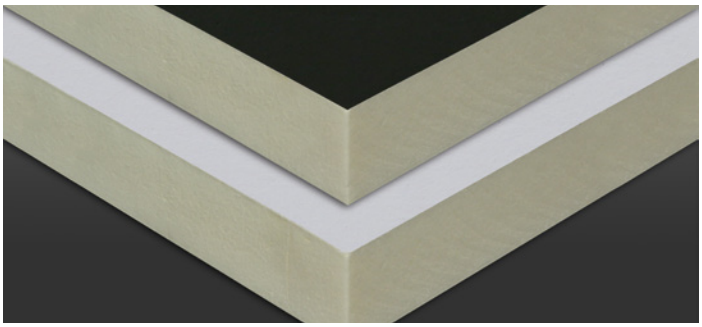


READYFLASH® TECHNOLOGY

Carlisle's ReadyFlash Technology allows contractors to manipulate adhesive flash-off times by choosing between two different-colored facers on every board. ReadyFlash products feature a dark-colored coated glass facer (CGF) on one side of the insulation board and a light-colored CGF on the other. Utilizing the sun's energy, the dark facer accelerates adhesive flash-off, while the light facer slows it down.

Features and Benefits

- Standard feature on SecurShield® flat products and SecurShieldHD insulating cover boards
- Allows the contractor to speed up or slow down adhesive flash-off time
- Increases surface temperature of the dark facer up to 50°F above ambient temperature
- Decreases surface temperature of the light facer up to 10°F below ambient temperature
- Provides up to 2x faster adhesive flash-off on cooler days and up to 4x faster on warmer days when utilizing the dark facer



SAT™ (SELF-ADHERING TECHNOLOGY) EPDM

Carlisle's SAT EPDM membrane offers excellent weatherability and hail resistance while providing significant labor savings on the rooftop. EPDM's 50-plus years of proven performance, in combination with Carlisle's SAT, results in an easy-to-install system that makes applicators more productive and leaves building owners more satisfied.

SURE-SEAL COOL GRAY EPDM

Carlisle's Sure-Seal Cool Gray EPDM is a 60-mil (1.52 mm) non-reinforced membrane. This new Cool Gray EPDM offers reflectivity while providing a "dry-down" effect.

Sure-Seal® EPDM
Cool Gray Membrane

Features and Benefits

- Full 60-mils of weathering material with no internal scrim
- Ideal for roofing applications in markets where heating and cooling costs are more balanced
- Added slip resistance of rubber and less glare than white roofs
- 60-mil membranes are available for up to 25 year warranties and are UL and FM approve

SURE-WHITE REINFORCED EPDM

Carlisle SynTec Systems is pleased to introduce its new Sure-White Reinforced EPDM for mechanically fastened and adhered roofing systems. Sure-White Non-Reinforced EPDM has been performing in the field for more than 30 years and provides industry-leading UV weathering performance based on proprietary formulations. Carlisle has fine-tuned and optimized these formulations to create a high-performance internally reinforced sheet for use on mechanically fastened roofs.

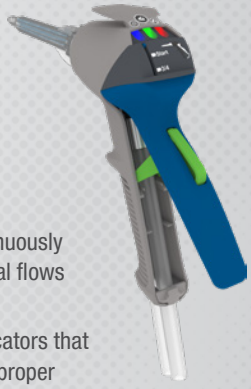
Sure-White® EPDM
Roofing Systems

FLEXIBLE FAST™ DUAL TANKS HFO BLOWING AGENT

As part of a continuing dedication to sustainability, Carlisle SynTec Systems is introducing Flexible FAST Dual Tanks that utilize an HFO blowing agent. HFO (hydrofluoroolefin) blowing agents are widely recognized as the next-generation environmentally friendly blowing agent, replacing their HFC (hydrofluorocarbon) predecessor.

Experience the New Temperature Sensing Gun (TSG)

Carlisle's Temperature Sensing Gun (TSG) provides continuous, real-time monitoring of adhesive temperature to help ensure every application is delivered at the ideal material temperature. The TSG is included with every set of Flexible FAST Dual Tank Adhesive.



The TSG delivers:

- Real-time temperature sensing that continuously monitors adhesive temperature as material flows through the gun
- Integrated Blue, Green, and Red LED indicators that provide immediate visual confirmation of proper application conditions
- Reduced risk of installation errors and material waste by clearly identifying out-of-range temperatures before application
- Up to 75% reduced trigger force and ergonomic design to minimize installer fatigue during extended use
- Improved flow control and application consistency to support uniform coverage and reliable curing

VACUSEAL VENT SECURED ROOFING SYSTEM

The fact that roofs need to offset wind forces is not a new concept. That's why Carlisle SynTec Systems is pleased to introduce the VacuSeal Vent Secured Roofing System. This revolutionary assembly uses special vents that harness the power of the wind to lock roof membranes in place. VacuSeal systems are quick and easy to install and save you money and labor by substantially reducing the amount of glue, ballast,or fasteners your project requires. This engineered system is designed to provide optimal performance while opening opportunities for retrofit and monolithic deck applications.

VACUSEAL™
Vent Secured Roofing Systems

CAV-GRIP® PVC ADHESIVE

Revolutionize your adhesive needs with CAV-GRIP PVC Aerosol Contact Adhesive. This versatile solution is perfect for a multitude of applications, including securing PVC bareback membranesto various horizontal surfaces and vertical walls excluding KEE or KEE HP bareback membranes and achieving exceptional adhesion when attaching FleeceBACK membranes to vertical walls. CAV-GRIP PVC's cutting-edge, low-VOC formula ensures robust bonding and rapid drying across a wide temperature range. Applying it is a breeze with the integrated spray systems, guaranteeing swift and uniform coverage while keeping cleanup and maintenance to a minimum.

CAV-PRIME

Carlisle's CAV-PRIME system features primer in pressurized cylinders for faster application and less waste. The CAV-PRIME backpack, applicator attachment, and 3-foot extension gun make applying primer to seams and areas where Pressure-Sensitive flashing is used up to 3 times faster than dunking a roller in a pail.

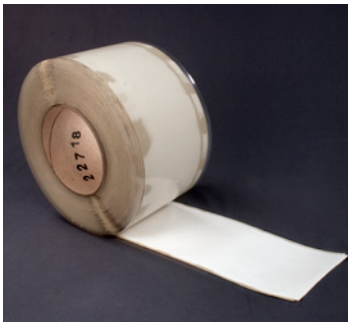
DUAL-TIP SPRAY APPLICATOR FOR CAV-GRIP III

Carlisle SynTec Systems is pleased to introduce its Dual-Tip Spray Applicator, which is specially designed for use with CAV-GRIP III Adhesive systems. This productivity-boosting tool is a precision-machined dual-tip attachment that reduces application time by spraying two streams of adhesive with a single CAV-GRIP Spray Gun and Hose. In addition to reduced application time, the Dual-Tip Spray Applicator improves application consistency without impacting adhesive flow or coverage rates.

SURE-FLEX PVC PRESSURE-SENSITIVE COVER STRIP

Sure-Flex PVC Pressure-Sensitive (PS) Cover Strip is a nominal 35-mil (0.76 mm) non-reinforced KEE HP flashing laminated to a nominal 35-mil (0.76 mm), fully cured, pressure-sensitive, synthetic rubber adhesive. PVC PS Cover Strip is exclusively tested and designed for use on Carlisle Sure-Flex PVC and KEE HP membranes only and is available in white, gray, and tan 6" (152 mm) wide x 100' (30.5 m) long rolls.

Sure-Flex™ PVC
Pressure-Sensitive Cover Strip



SURETITE™ GALVANIZED CLEAT PROGRAM

Carlisle SynTec Systems is pleased to introduce its SureTite Galvanized Cleat Program, which will allow customers to receive an ES-1 approved cleat on the same truck as membrane and accessory orders. The newest addition to Carlisle's expansive metal program makes it easy for contractors to dry-in the roofing system by terminating the edge of the roof during the initial installation. When the SureTite Galvanized Cleat is combined with a properly fabricated face covering made from Carlisle Kynar® Flat Sheets, contractors can achieve an ES-1 approved assembly.

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REPRINT CODE: 600217 CST-16704 - "New Product Sell Sheet"

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