



Hot Mopped and Cold Applied
Roofing Systems



BUILDING VALUE



VERSIFLEECE® AC TPO HOT MOPPED AND COLD APPLIED ROOFING SYSTEMS

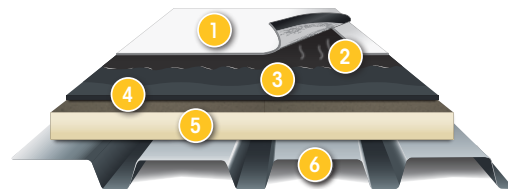
Both the Cold Applied and Hot Mopped Roofing Systems feature the use of Versico's VersiFleece AC (Asphalt Compatible) TPO membrane. Versico's AC non-woven fleece is specifically designed to resist asphalt saturation and staining.

Features and Benefits

- External fleece reinforcement creates a tough, durable sheet
 - 10-oz. fleece creates a 120-mil, 135-mil or 155-mil AC TPO sheet
- Greater puncture and tear resistance than non-fleece single-ply membranes
- Greater puncture resistance than Modified Bitumen
- Fewer seams than Modified Bitumen
 - 75% fewer seams with 12'-wide TPO sheet
- Passes FM's severe hail test
- VersiFleece white TPO sheet meets Cool Roof Rating Council requirements for reflectivity and emissivity helping to lower air conditioning costs and reduce the heat-island effect in southern cities
- OctaGuard XT™ weathering package

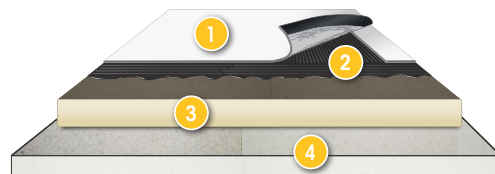
Versico Total System Warranties

- 10-, 15-, 20- and 30-year Total System Warranties
- Wind speed coverage of 55 mph
- Hail resistance warranty available
- Puncture resistance warranty available
- Not pro-rated
- No dollar limit
- Inspected by Versico field service representatives



Typical Reroof Application

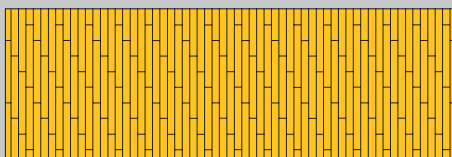
- 1 VersiFleece AC TPO
- 2 Type III, IV or Modified Asphalt
- 3 Asphalt Primer or Power Wash
- 4 Existing Modified Bitumen or Smooth BUR
- 5 Versico Polyiso Insulation
- 6 Approved Roof Deck



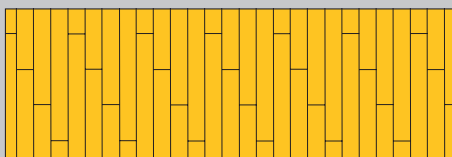
Typical New Application

- 1 VersiFleece AC TPO
- 2 Cold Applied Adhesive
- 3 Versico Polyiso Insulation
- 4 Approved Roof Deck

Modified Bitumen • 39 3/8" x 32' sheets • 7,369 LF of seams



VersiFleece AC TPO • 12' x 75' sheets • 1,804 LF of seams





VersiFleece AC TPO Hot Mopped Roofing System

Versico's Hot Mopped Roofing System was designed to provide a premium-performing TPO cap sheet when utilizing hot asphalt as an adhesive. One of the biggest issues of traditional asphalt-based roofing systems has historically been the lack of long-term UV resistance. Versico has solved this dilemma by utilizing the AC style fleece with its TPO membranes that have a long, proven track record of weatherability. The ability to recover existing asphalt-based roofing systems with a UV-resistant TPO VersiFleece AC membrane reduces installation costs and landfill waste.

Wide range of compatible substrates and insulations

- DensDeck® Prime, SECUROCK® and Versico Recovery Board
- Structural Concrete Deck
- Existing Smooth BUR, Modified Bitumen or Mineral Cap Sheet

Heat-weldable seams on TPO sheets

- Robotic welding ensures consistency and reliability
- Wide window of weldability

Environmentally friendly

- No torches required
- Cool Roof Rating Council approved white TPO
- No chlorine or plasticizers used in TPO
- TPO resists biological growth



VersiFleece AC TPO Cold Applied Roofing System

Versico's Cold Applied Adhesive is an asphalt-modified polyether adhesive designed to be compatible with existing asphalt-based roofing systems like smooth BUR, SBS Modified and Mineral Cap Sheet. Cold Applied Adhesive is a thick, mastic-grade adhesive that exhibits elastomeric properties once it is cured, allowing it to withstand typical building movement. The Cold Applied Adhesive is VOC free, making it a great product for occupied buildings where asphalt kettle odors would normally be a problem. Another advantage of the Cold Applied Adhesive is that the squeegee or spreader application process is well suited for projects where roof access is limited or difficult.

Wide range of compatible substrates and insulations

- Polyiso insulation, DensDeck Prime, SECUROCK and Recovery Board
- Structural Concrete, Light Weight Insulating Concrete, Gypsum and Wood Deck

Heat-weldable seams on TPO sheets

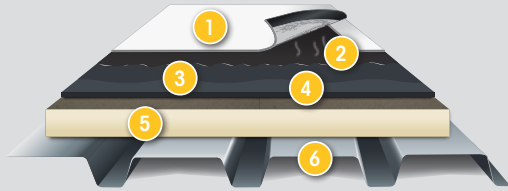
- Robotic welding ensures consistency and reliability
- Wide window of weldability

Environmentally friendly

- Cold Applied Adhesive is VOC and solvent free
- Low odor and noise – great for re-roofing occupied buildings
- No asphalt fumes or hot kettles
- Cool Roof Rating Council approved with white TPO
- No chlorine or plasticizers used in TPO
- TPO resists biological growth

Typical VersiFleece AC TPO Assemblies

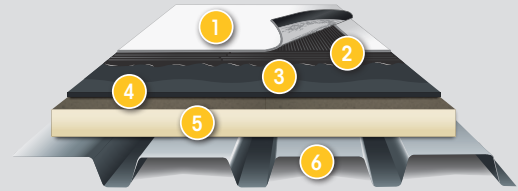
Hot Mopped Systems



Re-roofing Modified Bitumen or Smooth BUR

- 1 VersiFleece AC TPO
- 2 Type III, IV or Modified Asphalt
- 3 Asphalt Primer or Power Wash
- 4 Existing Modified Bitumen or Smooth BUR
- 5 Versico Polyiso Insulation
- 6 Roof Deck

Cold Applied Systems



Re-roofing Modified Bitumen or Smooth BUR

- 1 VersiFleece AC TPO
- 2 Cold Applied Adhesive
- 3 Asphalt Primer or Power Wash
- 4 Existing Modified Bitumen or Smooth BUR
- 5 Versico Polyiso Insulation
- 6 Roof Deck



Direct Assemblies

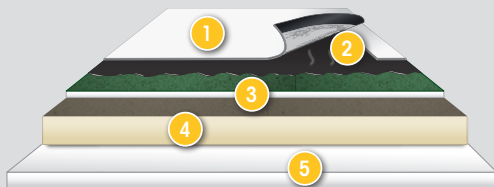
- 1 VersiFleece AC TPO
- 2 Type III, IV, or Modified Asphalt
- 3 Structural Concrete, Lt. Wt. Concrete*, Gypsum Deck*, Tectum Deck* or Wood Deck*

* Lt. Wt. Concrete, Gypsum, Tectum, and Wood Deck require a nailed Versico base sheet.



Direct Assemblies

- 1 VersiFleece AC TPO
- 2 Cold Applied Adhesive
- 3 Cellular Lt. Wt. Concrete, Structural Concrete, Gypsum Deck or Wood Deck



Insulated Assemblies

- 1 VersiFleece AC TPO
- 2 Type III, IV or Modified Asphalt
- 3 DensDeck Prime or Versico Recovery Board
- 4 Versico Polyiso Insulation
- 5 Gypsum Deck, Tectum Deck, Structural Concrete or Steel Deck



Insulated Assemblies

- 1 VersiFleece AC TPO
- 2 Cold Applied Adhesive
- 3 Versico Polyiso Insulation
- 4 Gypsum Deck, Tectum Deck, Structural Concrete or Steel Deck



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