



Roofing Attachment Systems

FOR LONG-TERM PERFORMANCE, STICK WITH ADHERED ROOFING SYSTEMS FROM FIRESTONE.



MECHANICALLY ATTACHED ROOFING SYSTEM. In order to secure the single-ply membrane to the roof assembly, the membrane is attached with mechanical fasteners through both the insulation and decking materials, typically at the seams.



ADHERED ROOFING SYSTEM. The single-ply membrane is attached to the topmost surface of the roofing assembly through the use of adhesives, without penetrating the membrane. This method secures the membrane across the entire roofing assembly.

FIRESTONE ADHERED SINGLE-PLY ROOFING SYSTEMS

(FOR EPDM AND TPO)

Time and time again, the **strong performance** and **proven longevity** of adhered roofing systems have shown to be the best way to attach single-ply membrane (RubberGard™ EPDM and UltraPly™ TPO) to the roofing substrate—and the best investment you can make for your building.

Up to **8%**
energy savings
compared to
mechanically attached
roofing systems

WHY CHOOSE AN ADHERED SINGLE-PLY ROOFING SYSTEM?

- Has higher degree of performance predictability
- Acts as an air barrier and eliminates air intrusion
- Is more aesthetically pleasing

SEE FULL DETAILS ON OTHER SIDE >

Firestone
BUILDING PRODUCTS
NOBODY COVERS YOU BETTER.™

Benefits of Adhered Roofing Systems

STRONG PERFORMANCE AND LONGEVITY

Adhered roofing systems have proven to be the best investment for your building. That's because they:

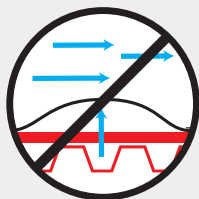
- Offer symmetrical wind loading vs. point loading at seams
- Contain no mechanical fastener plates which can be stressed under certain environmental conditions
- Are easier to service in the event of a leak
- Provide better wind uplift rating with fewer seams
- Prevent condensation which can lead to corrosion and rusting of deck and fasteners
- Do not require fasteners during installation and do not penetrate the membrane as a result
- Often have more warranty options and lower cost of ownership (COO)

Firestone offers roofing systems that can be **installed in temperatures down to 20°F!**

ACTS AS AN AIR BARRIER

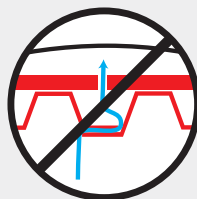
With an adhered roofing system, you will **ELIMINATE** the following issues inherent with mechanically attached systems:

FLUTTERING



When mechanically attached every few feet, air gets between the roof membrane and the deck, creating a fluttering noise.

AIR INTRUSION



This occurs when conditioned indoor air enters into a roofing assembly, but it cannot escape to the exterior environment resulting in condensation and energy loss.

THERMAL BRIDGING



Metal fasteners create an easy pathway for heat flow from indoor to outdoor temperatures, resulting in energy loss, corrosion and potential mechanical failure.

BETTER AESTHETICS

Beyond installation flexibility, adhered roofing systems lie flatter and are generally more visually pleasing, leading to a higher resale value.



SMITH SPRINGS ELEMENTARY SCHOOL, Nashville, TN
RubberGuard™ EPDM SA with Secure Bond™ Technology

For more information, contact your local
Sales Rep or visit FBPE.CO/ASvsMA

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