

FAST FACTS



ASPHALTIC

LOW-SLOPE

ROOFING

**Asphalt Roofing
Manufacturers Association**

If the past few years have taught us anything, it's that results trump flash and hoopla. What's billed as "the next best thing" often maintains its rock star status for just moments. We're not buying it anymore. Instead, we've rediscovered a genuine appreciation for quality, affordability and reliability, in every purchase we make.

Our roofs are no exception. With quality, affordability and reliability in mind, for commercial and some residential use, the obvious choice is asphaltic low-slope roofing. With proven results dating back over one hundred years, read on for the flat out truth about this tried and true option.

A roof that is slightly pitched is called a flat or low-slope roof. Most commercial construction projects use low slope because they are cost-efficient, maximize usable space and can be designed to feature value-adding amenities like recreational space or roof gardens.

Though a flat roof may appear level, it actually must have a slight slope so that water can run off its surface. To ensure that water cannot penetrate the building, a watertight seal necessary. In fact, for buildings where a secure roof is critical – like museums or warehouses – asphaltic low slope roofing is the wisest option because each is designed with multiple waterproofing redundancies and installed in many layers.

There are two types of asphaltic low slope roofing. Built-up Roofing (BUR) and Modified Built-up Roofing (MB). Depending on weather conditions, both have a typical lifespan of ten to twenty years.

BUR, simply put, is “built-up” of alternating layers of heavy roofing felt and hot mopped or cold-applied asphalt. The surface is then finished with a mineral or gravel covering and a special coating which safeguard it from the sun and add fire protection. Recent industry advances including peel-and-stick self-adhesive products and new, low-fuming asphalt formulations make this choice more desirable than ever.

MB is a variation of BUR whose asphalt has been blended with polymers to improve its strength, flexibility and UV resistance. It, too, is finished with several choices of surfacing options and is a long-lasting, economical, and proven roofing option.

Did You Know? **FAST FACTS**

Common uses:	<ul style="list-style-type: none"> • Most cost-effective choice for commercial structures • Used residentially in dry climates
Performance:	<ul style="list-style-type: none"> • Multi-layer protection, redundancy reduces chance of leaks • Thermal performance • Fire and uplift performance • Seals concrete decks • Versatile; suited to all types of roof decks • Withstands high foot traffic • Today's formulas resist weathering • Adaptable to meet any penetration or flashing detail
Maintenance:	<ul style="list-style-type: none"> • Low maintenance • Ease of repair • Existing systems can be repaired and resurfaced and are easily reroofed without tear-off
Availability:	<ul style="list-style-type: none"> • Easy to find contractors to install • Widely available • Versatile systems and products
Price:	<ul style="list-style-type: none"> • Inexpensive over entire life cycle • "Best bang for the buck" • Versatile options – choose the right system for your budget
Enviro-Friendly!	<ul style="list-style-type: none"> • Existing systems can be modified to become "cool" and energy efficient • Existing structures can be modified to accommodate "green" vegetative roof • New industry advances embracing sustainability of product • Materials may be recycled; mechanisms to do so are growing in the U.S.
Additional information:	<p>Still have questions? For more information, please visit www.asphaltroofing.org, to see our Press Releases, Case Studies, Video Packages, and Scientific Articles.</p>

- Low slope roofs are a challenge because the slope effect the ability to shed water
- Typical commercial building see high traffic, to service the equipment present to keep buildings running efficiently
- many penetrations can pose unique challenges to water proofing, so redundancy is a tried and true method assuring watertight performance

Many options and application methods perfect for any roofing condition

Redundancy is the key...

Many options and application methods perfect for any roofing condition

APP SBS Self-adhered installed in a variety of different methods including heat weld cold applied or mopped