



Steep Slope Shingle and BUR Asphalt Roofing Systems

Steep Slope Roofing Systems

A steep slope, high-performance roof takes more than just shingles. The performance of any roof depends on an entire system of Roofing Essentials™ accessory products working and performing together, including ventilation, hip and ridge shingles, underlayment, and attic insulation.

Roofing Essentials™ Accessories

The Owens Corning™ Roofing System (steep slope) is a lineup of essential products that provides maximum durability and protection for high slope commercial or residential building projects. Products include:

- WeatherLock® Self-Sealing Ice & Water Barrier
- Deck Defense® High Performance Underlayment or Fiberglas® Reinforced Felt Underlayment
- Starter Shingle
- Shingles (seven distinct product lines)
- VentSure® Ridge and Roof Ventilation products
- Hip & Ridge Shingles
- RapidFlow® Gutter Drainage Protection
- raft-R-mate® Attic Rafter Undereave Ventilation
- AttiCat® Expanding Blown-In Pink Fiberglas™ Insulation

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Roofing Essentials™ Accessories

Built-Up Roofing (BUR) System Asphalt

There's nothing quite like asphalt when it comes to making a roof water resistant. Hot-mopped asphalt used to fuse together multiple plies of glass fiber reinforcement creates a monolithic, multi-layer, fully adhered water barrier to help prevent leaks. Single-ply membranes only offer one chance at preventing a leak compared to the multi-layer protection provided by BUR.

Trumbull® TruLo® BUR Asphalts

Owens Corning™ Trumbull® asphalt products, TruLo® Lo Odor, TruLo® Max and PermaMop® asphalts deliver top roofing performance in low-odor, low fuming formulations. PermaMop® asphalt is a versatile asphalt specially formulated for use on any slope of roof. It has the softening point of a Type



Trumbull® TruLo® and PermaMop® BUR Asphalt



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IV asphalt but with a lower equiviscous temperature (EVT) than any standard Type IV. It stays where it's mopped, even on steep-sloped roofing in intense heat.

Trumbull® roofing asphalts exceed ASTM minimum softening points to minimize the risk of slippage and reduce "fallback." High flashpoint raw materials are used to provide added safety. We also widen the spread between equiviscous temperature (EVT) and flashpoint to support application, adhesion and waterproofing.

Sustainability

Owens Corning is committed to driving sustainability through greening our operations, greening our products and accelerating energy efficiency in the built environment. Owens Corning can help save energy costs in areas with substantial sunlight with ENERGY STAR® rated roofing products. Owens Corning™ Duration® Premium, Duration®, Oakridge® and Supreme® Shingles in Shasta White and Duration® Premium Cool Shingles in Frosted Oak, Harbor Fog and Sunrise are ENERGY STAR® rated for their ability to reflect solar energy and keep roofs cooler, resulting in more comfortable interior spaces.

Sustainability initiatives with asphalt are focused on reducing fumes on the job site, and controlling vapor and emissions during manufacturing. This results in asphalt products that reduce fumes emanating from molten asphalt on built-up roofing (BUR) job sites and low-fuming asphalt products including TruLo® and PermaMop®.

Trumbull® asphalt has earned patents for technological advances in controlling emissions generated during manufacturing, like regenerative thermal oxidation (RTO) and additive technologies to reduce NOx and SOx emissions. Owens Corning™ Trumbull® asphalt has developed products and procedures for use in asphalt cutback operations that reduce emissions by as much as 85 percent.

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GREENGUARD Certified products are certified to GREENGUARD standards for low chemical emissions into indoor air during product usage. For more information, visit ul.com/gg.

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