



FAST FACTS

Advances in Asphalt Shingle Technology

DID YOU KNOW?



- 2015 marks the **100th anniversary** of the Asphalt Roofing Manufacturers Association (ARMA).
- For the past [century](#), we have brought together the majority of North American manufacturers and their raw material suppliers to **promote asphalt roofing**.
- During that time, the industry has worked to [continuously improve](#) asphalt products through **scientific research** and **advanced technology**.

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DID YOU KNOW?

- Over its **125-year-history**, asphalt shingles have been reinforced by cotton rag, wood pulp and paper.
- In the 1970's, **fiberglass** was introduced as a stronger, more durable and more fire-resistant reinforcement material.
- Early shingles were coated with crushed slate or oyster shells, and have progressed over time to the **brightly colored ceramic-coated granules** that we see today.
- Modern asphalt shingles come in [a variety of colors](#) to match the unique design of any home.



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DID YOU KNOW?

- The first asphalt shingles were **pre-fabricated, single-cut** pieces of material.
- Today's shingles come in **many formats**, from single-layer shingles with no cutouts to those with multiple cutouts, and from standard laminated shingles of multiple thicknesses to the newer, open tab designer shingles.
- Modern shingle design innovations have been developed to include [decorative architectural styles](#) that transform a roof with a **high-end dimensional look**.



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DID YOU KNOW?

- Through advances in manufacturing technology, asphalt shingle products are now more **environmentally friendly** than ever.
- Computerized equipment has improved roofing production efficiencies, resulting in **less material waste**.
- Shingles from roof tear-offs can also be **recycled** and [used to pave roads](#) across America.
- [Solar reflective shingles](#) are now available and can help **reduce energy use**.



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DID YOU KNOW?



- Advances in asphalt shingle technology have led to products that are more **durable and protective** than ever.
- Modern roofing systems include [multiple components](#) like **leak barriers and ventilation** to help avoid moisture penetration from rain and ice damming from snow.
- Research and development have led to shingles that meet the **highest performance standards** for fire, wind and impact resistance.

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DID YOU KNOW?

- Through the industry's deep commitment to research, development and customer satisfaction, asphalt roofing shingles continue to improve to meet the needs of today's homeowners.
- The asphalt roofing industry is dedicated to maintaining the beauty, affordability and reliability of North America's most popular roofing material.
- For more information about asphalt roofing, visit asphaltroofing.org.



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