

Bunch of High-Quality Malarkey Technology Performance Benefits of Impact Resistant Shingles



1. PHYSICAL: ENGINEERED DIFFERENTLY THAN OTHERS

- a. The Zone® large 1-5/16" nailing area reduce chances for high or low nailing
- b. Tapered shim underside of common bond for best lay flat
- c. Five beads of rubber adhesive with two beads at common bond & three beads at dragon tooth to better laminate the shingle
- d. Wide backside rubber adhesive sealant with rain flow channel
- e. Heavier weight and full square
- f. Algae resistance from 10 years to Lifetime options for streak free appearance

2. CHEMICAL: NEX® POLYMER MODIFIED (RUBBERIZED) ASPHALT INSTEAD OF RIGID OXIDIZED ASPHALT

- a. Invented by Malarkey in 1986
- b. Superior granule adhesion - locked into rubber pockets
 - i. Very few "hitchhikers" on shingle versus others
 - ii. 65% better adhesion than the ASTM standard
- c. Install in colder weather than standard oxidized asphalt shingles
- d. Up to 35% greater tear strength
- e. UL Impact Ratings for all Malarkey Shingles - insurance discounts may apply
 - i. UL 2218 Class 4 rated: Windsor®, Legacy®, and Vista® shingles, and RidgeFlex® and EZ-Ridge® XT hip and ridge shingles all withstand a 2" steel ball dropped from 20 feet, 12 times, without showing visible cracks on the back
 - ii. UL 2218 Class 3 rated: Highlander® AR shingles withstand a 1-3/4" steel ball dropped from 17 feet, 12 times, without showing visible cracks on the back

3. SUSTAINABLE: BEST FOR THE ENVIRONMENT

- a. 3M™ Smog-reducing Granules help clean the air [30 sq. Legacy® roof = approximately 2 trees]
- b. Upcycled polymers provide landfill reduction [30 sq. Legacy® roof diverts approximately 6 tires and 4,000 plastic bags]
- c. Polymer Modified [Rubberized] Asphalt shingles last longer than standard shingles, which go the landfill after every hailstorm
- d. Green manufacturing process and plant certifications

Physical + Chemical + Sustainable Shingles = Best Value for All

WHEN IT MATTERS®

