

Sand is used in roofing in several ways, primarily to improve durability, weather resistance, and aesthetics. Here are the main applications:

1. **Asphalt Shingles** – Many asphalt shingles have a top coating of mineral granules, including sand, to provide UV protection, fire resistance, and durability. The sand helps prevent degradation from sunlight and weather exposure.
2. **Roof Coatings** – Sand is sometimes added to liquid roof coatings (such as acrylic, silicone, or elastomeric coatings) to enhance traction, durability, and impact resistance.
3. **Ballasted Roofing Systems** – In some flat or low-slope roofing systems, sand or gravel is used as ballast to help hold down roofing membranes, protecting them from wind uplift and UV exposure.
4. **Concrete and Clay Roofing Tiles** – Sand is a key ingredient in the production of concrete and clay roofing tiles, providing strength and stability.
5. **Built-Up Roofing (BUR) Systems** – These traditional flat roofing systems use layers of bitumen and reinforcing fabrics, sometimes incorporating sand or fine aggregates for additional weather resistance.

For **Kleen Industrial Sands**, your low-dust, dried, and graded sand could be beneficial in high-performance roof coatings, shingle production, and non-slip roofing surfaces. Would you like help crafting marketing materials targeting this industry?

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