

Technical Bulletin

April 26, 2023



Rainwater Collection from Brava Composite Roof Systems

Rainwater Collection

Polymer composite roofs are ideal for rainwater collection due to their smooth, durable, and low-maintenance properties, allowing for collected water that is safe for various uses. Polymer composite roof systems are more favorable for rainwater collection than asphalt shingles or cedar shakes, as those materials can contaminate the water collection system and the water collected. Asphalt shingles may release chemicals and particles, while treated or untreated cedar shakes can introduce chemical and organic contaminants to the water.

In contrast, polymer composite roofing provides a cleaner option for rainwater harvesting, ensuring higher quality water. Rainwater harvesting offers numerous benefits, including water conservation, cost savings, sustainable irrigation, stormwater management, and improved water quality.

Recycled Materials

Brava Roof Tile is a company that stands out in the composite roofing industry by using recycled polymers to manufacture our roof systems. This environmentally conscious approach not only reduces waste but also repurposes materials that would otherwise end up in landfills. Our roof tiles are designed to be sun and weather resistant without using materials that would leach harmful compounds. Brava's proprietary blend of recycled polymers, mineral fillers, and pigments are tested and meet strict requirements for roofing materials. In addition to independent testing, our in-house Quality and Materials Lab runs extensive pre, intermediate, and post production testing to ensure that finished materials and products perform as designed and exceed third party test criteria.

Summary

By choosing Brava Roof Tile's composite roofing, homeowners can create reliable and environmentally friendly rainwater collection systems that provide safe water for non-potable uses, conserving resources, and reducing expenses. The incorporation of recycled materials adds even more environmental benefits to this sustainable and durable approach to rainwater collection.

Resources

Brava provides technical and installation support for all products at <https://www.bravarooftile.com/resources/>.

Questions?

To schedule training, or if you have any questions regarding Brava Roof Tile products and manufactured accessories, call 844-290-4196 and ask for Technical Support. You can also contact us through our website at [bravarooftile.com](https://www.bravarooftile.com).