



Uniguard Volcanic Aggregate

Product Description

Uniguard Volcanic Aggregate is an eco-friendly functional performance mineral, naturally sourced, and used across many industries to enhance performance of many different materials and achieve significant cost savings. The product can be used to enhance performance of PU rigid materials and also flexible Foams; it can be successfully incorporated into Thermoset and Thermoplastic composites, Polymers, Rubber and adhesives and also in many applications in the chemical processing sectors.

Features and benefits

- Thermal, fire and chemically resistance.
- Increases abrasion resistance.
- Improve durability.
- Wear resistant.
- Provide UV stability

Typical use

- Epoxy coating.
- Polyurethane anti-slip systems.
- Industrial flooring.
- Concrete decoration and anti-skid / Anti – slip application.

Product Data

Packaging size	20 Kg
Form	Granules
Colors	Dark grey
Bulk Density	1.90 – 2.00 g/cm ³

Application data

The product can be added gradually to the coat mix.

Mixing: Ensure the volcanic aggregate is evenly dispersed in the Epoxy or Polyurethane system to achieve optimal performance.

Addition Rates: Typically added at a rate of 10-40% by weight depending on the desired properties.

Storage

- Store in cool, dry place away from moist air for 24 months.
- Keep away from heat, ignition sources and from children.
- Keep in original, unopened packaging.



Caution

- Clean mixing container before use. Do not use dirty tools.
- Keep out of the reach of children

Health and safety

Possible Hazards: it causes irritation in case of skin contact & eye contact, flush immediately with plenty of water for at least 10 minutes and seek medical advice in case it happened.

For further information, refer to the material safety data sheet.