

Coating & Waterproofing Grade Gilsonite

Technical Data Sheet (TDS) / Product Specification

This grade is designed for bituminous coatings and waterproofing. Added to bitumen it raises softening point and hardness, reduces flow and improves adhesion and water resistance in pipe enamels, primers, tapes, roofing compounds and membranes.



1. Typical properties

Property	Typical value	Test method
Appearance	Black powder	Visual
Softening point (R&B)	150 – 200 °C	ASTM D36
Ash content, max	5 %	ASTM D3174
Moisture, max	1 %	ASTM D95
Solubility in TCE, min	97 %	ASTM D2042
Particle size	≤ 200 mesh	Sieve

Typical values for guidance. The binding specification for each lot is stated in the Certificate of Analysis (COA).

2. Key benefits

- Raises softening point of compounds
- Reduces sag and cold flow
- Improves adhesion to steel and concrete
- Very low water absorption

3. Applications

- Pipe enamels, primers and tapes
- Roof coatings and membranes
- Foundation waterproofing
- Bridge deck mastic

4. Recommended dosage

5 – 25 % of compound. Final dosage should be confirmed by laboratory or field trials under actual conditions.

5. Packing and storage

Packing	25 kg bags palletized; 1 MT jumbo bags.
Storage	Store in a dry, covered and well-ventilated area on pallets, away from heat and ignition sources. Keep bags closed.
Shelf life	At least 12 months in original packing.

6. Quality and documents

Each shipment is supplied with COA, TDS and MSDS. Third-party inspection (e.g. SGS) can be arranged on request.

Disclaimer: The information in this data sheet is based on our current knowledge and is given in good faith. It does not constitute a warranty of suitability for a particular purpose. Users should determine suitability through their own tests.

Prepared by	Approved by	Company stamp
BASEKIM Quality Control Laboratory Date: 2026-10-03	Sun Gilsonite Technical Team, BASEKIM Date: 2026-10-03	APPROVED Sun Gilsonite by BASEKIM Quality Control