

Roofing Slate

STATS Consulting

- On-site material and structure evaluation
- Material specifications and source assessment

STATS Materials Laboratories

- UKAS accredited testing
- Slate roof failure investigations

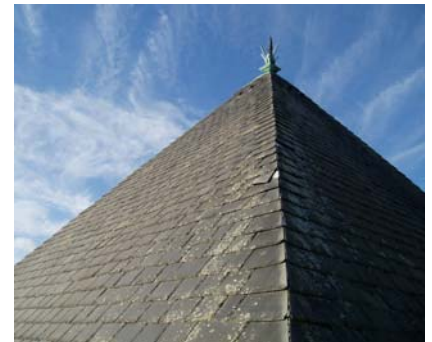
Natural slate potentially offers an attractive and very durable roofing material. The initial cost of roofing may be greater than for manufactured tiles, however the longevity of the material can mean that lifetime costs are favourable.

For new buildings it is essential that architects, producers, contractors and end-users select the correct material to ensure durability and long term performance to prevent disappointment. STATS offers quarry and product assessment services, including working with slate producers to help ensure that good and consistent material is being marketed.

For existing structures STATS provides on-site assessment of roof condition, undertaken by qualified and experienced scientists and surveyors, to evaluate material and construction practices and to determine causes of any roof failure.

The harmonised European Standard product specification for slate, BS EN 12326-1, was adopted in 2004 and sets out the requirements for the evaluation of roofing slate. This standard is more comprehensive than BS 680-2:1971, which it replaced, incorporating strength testing and petrography in addition to durability tests.

The laboratories at STATS' Centre for Stone and Slate Technology are UKAS accredited for testing to the European Standard and widely experienced in the properties of slate materials. We also offer guidance on the interpretation of the results of these new tests.



On-site investigations



Quarry assessment



UKAS accredited testing

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