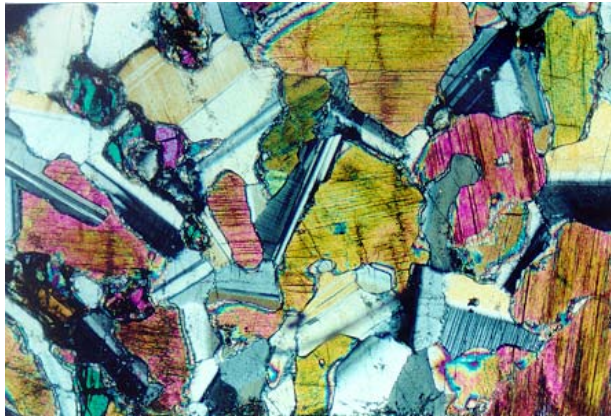


## Geology/Geomaterials Consultancy

# Building Stone - New Projects



*Flexural Strength Test*



*Gabbro in crossed polarised light*

### Quarry evaluations

- Stone selection
  - colour uniformity
  - grain consistency

### Production plant assessments

### Finishing process evaluations

- Physical tests
  - density
  - water absorption
  - compressive strength
  - modulus of rupture
  - flexural strength
  - abrasion resistance
  - slip resistance
  - durability
  - frost resistance

- Chemical tests
  - composition
  - deleterious components
  - XRD

- Petrography
  - microscopy
  - scanning electron microscopy & x-ray microanalysis

- Inspection at works/on-site
  - production control
  - crack detection - fluorescence

- Fixing systems
  - tensile tests
  - shear tests

Sandberg offers a comprehensive building stone consultancy service covering all aspects of selection, evaluation and quality, from initial source evaluation through testing and suitability to on-site inspection and verification during installation.

Technical appraisal of natural stone for both internal and external cladding systems and decorative surface applications (e.g. tiling and flooring) can be provided. Expert consultancy advice is offered on the suitability of material, especially with respect to long-term durability or in-service characteristics such as slip resistance of floors.

To discuss your needs please contact  
**David J Ellis, Partner**  
**Panos Sotiropoulos, Associate**