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## Flexoclad Waterproof Certification

### Tested & Certified by SGS

- **Testing Authority:** SGS (Global leader in inspection & certification)
- **Certification Date:** November 2016
- **Standard Applied:** ASTM C97/C97M-15 (Absorption & Bulk Specific Gravity of Dimension Stone)

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### Test Results

#### Specimens Tested:

- **Water Absorption by Weight:**
  - Range: 4.88% – 6.32%
  - **Mean Value: 5.41%**
- **Density:**
  - Range: 1910 – 1932 kg/m<sup>3</sup>
  - **Mean Value: 1920 kg/m<sup>3</sup>**

Results confirm **the product is lightweight yet durable**, with almost no water absorption suitable for diverse applications.

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### Performance Highlights

1. **Lightweight** – Mean density of 1920 kg/m<sup>3</sup>, easier handling vs. natural stone
2. **Durability** – Maintains performance under standard ASTM testing
3. **Moisture Behavior** – 5.41% water absorption, suitable for humid & outdoor conditions
4. **International Standard** – Tested according to ASTM (globally recognized benchmark)

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### Why Flexoclad?

- **Internationally Certified** – Verified by SGS, a trusted global authority
- **Lightweight Advantage** – Easier to transport, install, and design with
- **Architect & Engineer Friendly** – Reliable technical data for project specifications
- **Proven Quality** – Tested for both absorption and density under strict methods

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### Applications

- Exterior façades & cladding
- Interior feature walls
- Commercial, residential & retail spaces
- Areas requiring certified, lightweight stone solutions

Flexoclad = Verified Performance + Design Freedom

The SGS-certified solution for architects, developers, and designers looking for lightweight strength with proven international credibility.

Flexoclad