

IPA

International Product Assurance
LABORATORIES

Testing Checklist

ANSI A137.3

2CM Gauged Porcelain Pavers

IAS

ACCREDITED
Testing Laboratory

ISO 17025
TL-720



International Product Assurance Laboratories (formerly  *TCNA* Product Performance Testing Laboratory) offers the full scope of testing to meet the requirements specified in A137.3:

Gauged Porcelain Pavers – 2CM thick (Table 6)

- ASTM C499, C485, C502 Facial and thickness dimensions, warpage, and wedging
- ANSI A137.3, Section 8.6 Soft Body Impact (Over sand bed and/or pedestals)
- ANSI A137.3, Section 8.7 Hard Body Impact (Over sand bed and/or pedestals)
- ASTM C1505 Breaking Strength/Modulus of Rupture
- ANSI A137.3, Section 5.3.11 Compressive Strength
- ANSI A137.3, Section 8.5 Dry Bond Strength
- ANSI A137.3, Section 8.5 Wet Bond Strength (Back-layered only)
- ASTM C373 Water Absorption
- ANSI A137.3, Section 5.3.1.2.2 Back-Layer Saturation (Back-layered only)
- ASTM C1378 Stain Resistance
- ASTM C650 Chemical Resistance
- ANSI A326.3 DCOF (Tiles intended for floor applications)
- ASTM C609 Color Uniformity (VO tiles only)
- ASTM C424 Craze Resistance (Glazed tile only)
- ASTM C484 Thermal Shock Resistance
- ASTM C372 Thermal Expansion (Tile panels/slabs only)
- ASTM C1026 Resistance to Freeze/Thaw Cycling (Tiles intended for freeze/thaw conditions)
- ASTM C1243 Abrasion Resistance

Additional considerations

- Additional testing may be needed for characterizing the slip resistance of the tile surface, such as German ramp testing to DIN 16165 (formerly DIN 51130).
- ISO methods available for compliance with international specifications.
- Place a testing order at www.TCNAtile.com or contact us to discuss your custom testing needs.

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855-IPA-LABS



Microbiological testing also available
Tests to determine the antimicrobial
and antiviral capabilities
of a surface.