

## Testing Checklist

# ANSI A137.1

Specification for  
Ceramic Tile

International Product Assurance Laboratories offers the full scope of testing to meet the requirements specified in A137.1:

✓ Mosaic Tile (Table 6), Quarry Tile (Table 7), Pressed Floor Tile (Table 8), Porcelain Tile (Table 10)

- ☐ ASTM C499, C485, C502 Facial and thickness dimensions, warpage, and wedging
- ☐ ASTM C1027 Visible Abrasion Resistance (glazed tile only)
- ☐ ASTM C1243 Deep Abrasion
- ☐ ASTM C482 Bond Strength
- ☐ ASTM C373 Water Absorption
- ☐ ASTM C609 Color Uniformity (V0 tiles only)
- ☐ ASTM C424 Craze Resistance (glazed tile only)
- ☐ ASTM C484 Thermal Shock Resistance (glazed tile only)
- ☐ ASTM C650 Chemical Resistance
- ☐ ANSI A326.3 DCOF (tiles intended for floor application)
- ☐ ASTM C1378 Stain Resistance
- ☐ ASTM C648 Breaking Strength
- ☐ ASTM C1026 Resistance to Freeze/Thaw Cycling (tiles intended for freeze/thaw conditions)

✓ Glazed Wall Tile (Table 9)

- ☐ ASTM C499, C485, C502 Facial and thickness dimensions, warpage, and wedging
- ☐ ASTM C482 Bond Strength
- ☐ ASTM C373 Water Absorption
- ☐ ASTM C609 Color Uniformity (V0 tiles only)
- ☐ ASTM C424 Craze Resistance (glazed tile only)
- ☐ ASTM C484 Thermal Shock Resistance (glazed tile only)
- ☐ ASTM C650 Chemical Resistance
- ☐ ASTM C1378 Stain Resistance
- ☐ ASTM C648 Breaking Strength
- ☐ ASTM C1026 Resistance to Freeze/Thaw Cycling (tiles intended for freeze/thaw conditions)

✓ Additional considerations

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



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