

ISO ≠ ANSI: UNDERSTANDING TILE STANDARDS FOR THE U.S. MARKET

Not All Tile Standards Are Created Equal.
Make sure your imported tiles meet U.S. requirements
with ANSI A137.1 testing.



The U.S. tile industry relies on **ANSI A137.1, not ISO 13006**.
Tiles tested only to ISO may:

- Not meet key U.S. requirements
- Lead to costly rejections or warranty claims
- Create supply chain confusion

U.S. distributors, retailers, installers, and specifiers expect ANSI A137.1 compliance, and commercial specifications require it.

KEY DIFFERENCES YOU NEED TO KNOW

WHAT ISO DOESN'T INCLUDE	WHERE ANSI IS MORE STRINGENT	DIFFERENT TEST METHODS												
<div></div> <div>BOND STRENGTH</div>	<table><tr><th>Test</th><th>ANSI</th><th>ISO</th></tr><tr><td>Crazing Resistance</td><td>150 psi</td><td>75 psi</td></tr><tr><td>Freeze/Thaw</td><td>300 cycles</td><td>100 cycles</td></tr><tr><td>Dimensional Tolerances</td><td>Tighter limits</td><td>Broader limits</td></tr></table>	Test	ANSI	ISO	Crazing Resistance	150 psi	75 psi	Freeze/Thaw	300 cycles	100 cycles	Dimensional Tolerances	Tighter limits	Broader limits	<div></div> <div>For breaking strength, the tests referenced in ISO and ANSI use entirely different methodologies.</div> <div>Results cannot be converted or compared</div>
Test	ANSI	ISO												
Crazing Resistance	150 psi	75 psi												
Freeze/Thaw	300 cycles	100 cycles												
Dimensional Tolerances	Tighter limits	Broader limits												
<div></div> <div>DYNAMIC COEFFICIENT OF FRICTION (DCOF)</div>														
<div></div> <div>MOSAIC TILES</div>														

HOW IPA LABS CAN HELP

TEST PACKAGES

- Package 1: ANSI A137.1 Full Package**
Complete analysis for ceramic, porcelain & mosaic tiles.
- Package 2: ANSI A137.1 Missing Criteria Package**
Targeted tests missing from ISO 13006 reports.
 - **Glazed:** breaking strength, bond strength, freeze/thaw, crazing, DCOF, dimensions
 - **Unglazed:** breaking strength, bond strength, freeze/thaw, DCOF, dimensions



Don't Assume ISO Equals ANSI.
Prepare your products for the U.S. market.
Request ANSI A137.1 Testing today.