

World Ceramic Tiles Forum – Overview of the work of ISO/TC 189



International Organization for Standardization (ISO) Technical Committee (TC) 189: Ceramic Tile

- Currently, 9 Active Working Groups (WGs)
 - WG 01: Test Methods
 - WG 02: Product Specifications
 - WG 03: Products for Installation
 - WG 04: Thin Tiles
 - WG 06: Installation Methods
 - WG 07: Sustainability Issues for Ceramic Tiling Systems
 - WG 08: Antimicrobial Properties of Ceramic Tile Surfaces
 - WG 09: Low Modulus Adhesives for Exterior Tile Finishing
 - WG 10: Slip Resistant Measurement for Ceramic Tile
- Recent TC resolution to establish new WG on de-coupling membranes

Overview of WG Activity



- **WG 01**
 - Revisions to several ISO 10545 tile test methods to update sampling and procedural issues, particularly to address larger and thinner tiles
 - Close alignment with WG 04 efforts
 - Recent TC resolution to eliminate boil method from ISO 10545-3 and revise sampling procedure
- **WG 02**
 - Efforts toward establishment of ISO 13006 dimensional criteria for rectified tile
 - Recent TC resolution to ballot removal of all “boiling” references relevant to water absorption and adopt vacuum method
- **WG 03**
 - Development of ISO 13006-6 test methods and specifications for sheet waterproof membranes



● WG 04

- Close alignment with WG 01 efforts to modify test methods to make applicable to thin/large tile
- Continued discussion on characterization, testing, and standardization of thin tiles, with newer focus on size of tiles instead of their thickness

● WG 06

- Recent TC resolution to discuss facades; New Proposal (NP) to develop test methods to be balloted soon



● WG 07

- Development of product sustainability standard

● WG 08

- Development of test method for Evaluation of Antibacterial Activity of Ceramic Surfaces with Incorporated Antibacterial Agents
- Development of test method for Evaluation of Antibacterial Activity of Ceramic Surfaces with Incorporated Photocatalytic Antibacterial Agents



● WG 09

- Development of ISO 14448 test methods and specifications for low modulus adhesives for exterior tile finishing

● WG 10

- Exchange of information regarding different test methods for slip resistance around the world; potential development of test method

ISO/TC 189 Upcoming Meetings

- Spring Working Group Meetings
 - WG 01, WG 04, and WG 07
 - April 7-8, 2016 in Milan, Italy

- Next ISO/TC 189 Plenary
 - November, 2016
 - City/Country TBD