

2019 World Ceramic Tiles Forum

6 November - 9 November

Westin Grand Hotel Berlin

Berlin, Germany





2019 World Ceramic Tiles Forum

- General Overview of ISO/TC 189-



List of Working Groups

- Working Group 1: Ceramic tile test methods
- Working Group 2: Ceramic tile specifications
- Working Group 3: Installation products—test methods and specifications
- Working Group 4: Thin tiles
- Working Group 5 (Inactive): Backer boards
- Working Group 6: Installation methods
- Working Group 7: Sustainability
- Working Group 8: Antimicrobial properties
- Working Group 9: Low modulus adhesives for exterior tiles
- Working Group 10: Slip resistance
- Working Group 11: Uncoupling membranes



Working Groups 1 and 4

- Joint efforts regarding development of “thin tile” test methods:
 - Draft for determining tensile adhesion strength of multilayer tiles/adhesives
 - Draft for determining deflection/curvature radius
 - Work item on floor assembly testing
- WG1 efforts regarding general tile test methods
 - Work item on wear resistance
 - Work item on reverse staining
 - Work item on light reflectance value (LRV)
 - Ongoing discussions regarding wear resistance
 - Other systematic revisions in progress

Working Group 2

- ISO 13006 ceramic tiles – definitions, classification, characteristics, and markings
 - Proposed work item registered to:
 - Establish terminology and define “nominal thickness” and “work thickness”
 - Establish terminology and define “panels” and/or “slabs” and establish sizing thresholds to differentiate from “tiles”
 - Incorporate mosaic tile criteria into all existing Annexes, based on EN14411
 - Ongoing debate regarding relevance of GL/UGL differentiation in today’s landscape

Working Group 3



- Progression of draft international standard:
 - Test methods/specifications for bonded sheet waterproof sheet membranes
- Approved work item:
 - Development of test methods/specifications for soundproofing membranes
- Ongoing discussion regarding standardization of concrete block test substrates

Working Group 6

- Currently published technical reports:
 - Guidelines for installation of ceramic wall and floor tiles
 - Guidelines for installation of thin ceramic wall and floor tiles and panels
- Technical report in development:
 - Guidelines for installation of mechanically fixed large format porcelain tiles and panels
- Technical reports are non-normative

Working Group 7



- Progression of draft:
 - Sustainability specification for ceramic tiles
 - Draft international standard ballot to commence in December
- Also in development:
 - Sustainability specification for tile installation materials

Working Group 8



- Progression of draft standards:
 - Quantifying antibacterial activity of ceramic surfaces with incorporated antibacterial agents
 - Quantifying antibacterial activity of ceramic surfaces with incorporated photocatalytic antibacterial agents
- Likely resolution at upcoming plenary for draft international standard balloting of both standards

Working Group 9



- Proposed work item to clarify specifications for mortar block test substrate referenced by low modulus adhesive specification
- Some relevance to WG3 test substrate standardization efforts

Working Group 10



- Proposed work item registered for development of slip resistance test method
- Ongoing exchange of information and national standards
- Experts to continue debate regarding methodology and classification

Working Group 11



- Development of draft test methods and specifications for uncoupling membranes
 - Vapor transmission
 - Shear strength
 - Tensile strength
 - Falling ball impact characteristics
- Continued discussion/development

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Thank you for your attention!

