



MCCI-TEK™ Floor & Wall Panel Systems

Executive Summary

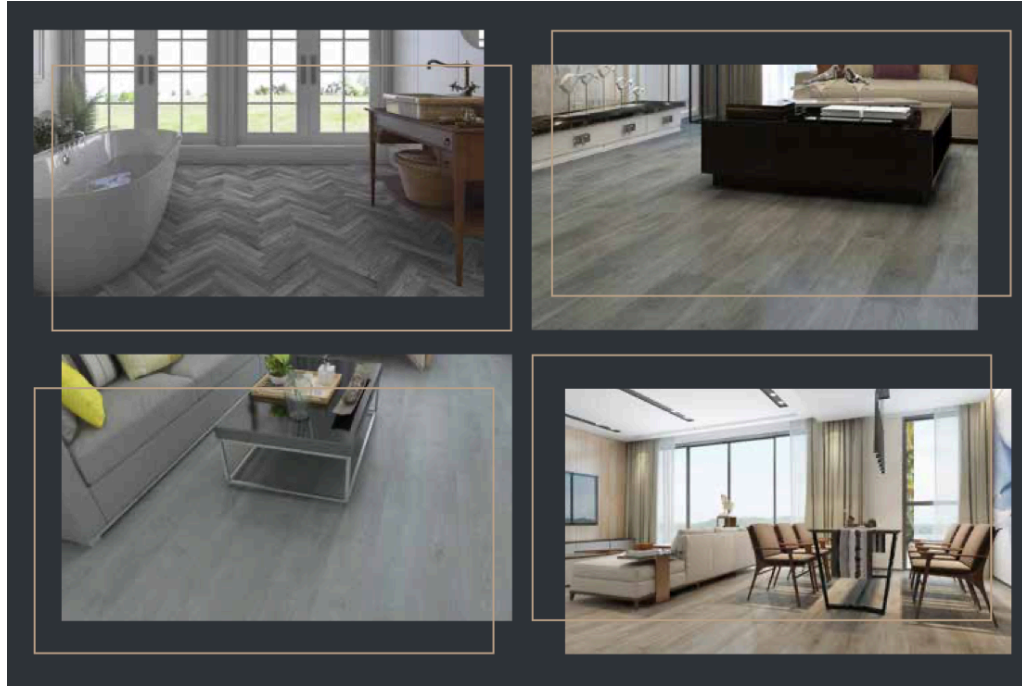
For New and Refurbishment
Construction Projects

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Product Brief

Engineered for Construction Project Conditions

MCCI-TEK Floor & Wall Panel Systems are engineered flooring systems with coordinated wall components, developed for use in commercial, residential and mixed-use construction and refurbishment projects.

Developed for construction and refurbishment environments.



Why Floor & Wall Finishes Create Risk in Projects

In construction projects, floor and wall failures are rarely due to design alone; they are mostly driven by schedule pressures, wet installation, complex interfaces, workmanship variability, and operational loads after handover.

These risks commonly result in:

- Programme delays and re-sequencing
- Inconsistent installation quality across contractors
- Failures in wet or high-use areas
- Post-handover disputes and lifecycle cost escalation

What Changes When MCCI-TEK Floor & Wall Panel Systems Are Specified

Programme & Installation

- From wet trades and curing time → dry, click-based installation
- From site-dependent workmanship → repeatable engineered locking systems
- From extensive subfloor preparation → rigid composite core tolerance

Interfaces & Detailing

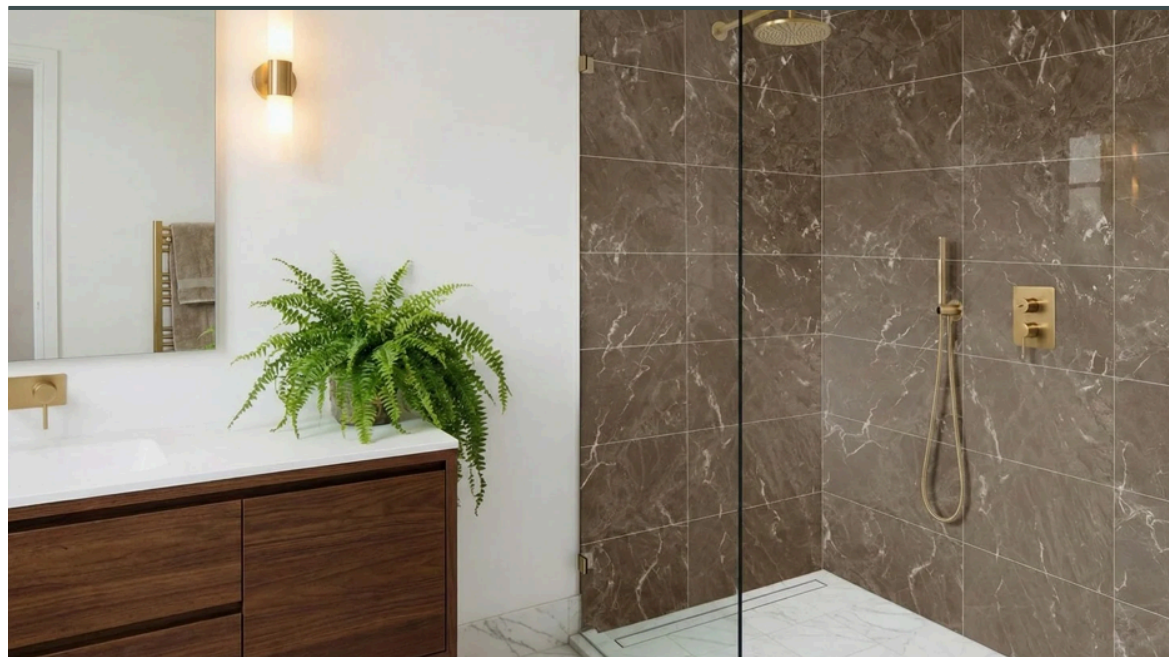
- From fragmented products → coordinated floor, wall and accessory systems
- From ad-hoc detailing → defined transitions, edges and stair solutions

Operation & Lifecycle

- From moisture-sensitive materials → fully waterproof composite cores
- From high maintenance → non-porous, easy-clean surfaces
- From acoustic complaints → tested integrated acoustic underlays

Specification & Compliance

- From generic claims → independently tested, documented performance
- From unclear responsibility → defined system warranties and operating limits



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System Portfolio (Selection by Application)

MCCI-TEK Floor & Wall Panel Systems are structured as a portfolio to address different performance, durability, and budget requirements without changing system logic. This allows system selection by application without changing installation logic or detailing.

MCCI-TEK Wall Panel Systems

Stone Plastic Composite (SPC) wall systems for vertical surfaces provide a dry-installation alternative to traditional tiling for kitchens, bathrooms, and feature walls. Designed for moisture-exposed environments and refurbishment projects.

Core Construction

- Solid SPC core (2800mm height)
- 100% waterproof with integrated anti-fungal protection
- Adhesive-fixed installation

Three Visual Formats

- *Plain Panels:* Smooth finish in beige, grey, stone effects, and high-gloss marble. Suitable for full-wall coverage and splashbacks.
- *Double Tile Panels:* Authentic grout line technology replicates traditional double-tile layout. Combines tile aesthetic with panel installation speed.
- *Multi Tile Panels:* Replicates 300mm × 600mm tile grid appearance. Delivers tiled finish without individual tile fixing..

MCCI-TEK Floor Systems

Engineered composite flooring for construction and refurbishment projects uses rigid composite cores with patented click-lock installation. 100% waterproof, compatible with underfloor heating, and designed for dry installation without adhesives or curing time.

Three Performance Tiers

- **Excel:** Wood Plastic Composite (WPC) core, 0.7mm wear layer. Enhanced acoustic performance for high-traffic public and commercial zones. Available in Classic and Longplank formats.
- **Editions:** Stone Plastic Composite (SPC) core, 0.55mm wear layer. Three format options: Classic planks, Herringbone, and Stone-effect tiles. For residential, mixed-use and commercial projects.
- **Value:** Stone Plastic Composite (SPC) core, 0.3mm wear layer. Simplified specification with four neutral wood tones. Available in Plank and Herringbone formats. For large-scale residential and repeatable areas.

Different systems can be combined across zones while maintaining consistent installation logic and detailing.



Verified Performance (System-Level Proof)

- Fully waterproof SPC and WPC cores
- Integrated acoustic underlays, type varies by system range
- Tested impact sound reduction, varying by system and documented in technical data sheets
- Independent ISO-certified laboratory testing
- Low VOC emissions (A+)
- Defined commercial and residential warranties by system

All performance claims are supported by technical data sheets and formal test reports.

Typical Project Environments

- Commercial offices and reception areas
- Retail and hospitality
- Healthcare and education
- Residential and mixed-use developments
- Refurbishment and modular construction
- Wet and service areas requiring moisture control

Next Steps

For technical specifications, project support, or documentation requests:

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