
ARDEX UD 150

THIN LAYER UNDERTILE DRAINAGE MAT



SYSTEMARDEX
PREMIUM PERFORMANCE



3 IN 1. DRAINAGE.
DRYING. DECOUPLING.

A REVOLUTION IN EXTERNAL TILING

ARDEX UD 150 is a thin, mesh-reinforced plastic drainage mat for use under directly adhered tiled surfaces. A 6mm drainage channel allows the free passage of water underneath the tiled surface which speeds up drying after rainfall and reduces the likelihood of efflorescence build-up. ARDEX UD 150 is loose-laid over the membrane which separates the tiled surface from any movement in the substrate.



Fully Dry Faster

ARDEX UD 150 allows the free passage of water out and away from tiled surfaces, it also allows air to flow beneath the tiles to ensure it's completely drying. In order for cement-based products to reach their full strength and full freeze-thaw capability, they must dry fully at least once – a surprisingly rare occurrence in many New Zealand climates. ARDEX UD 150 ensures the tile system and substrate have a greater chance to dry and fully develop the properties they were designed to have.

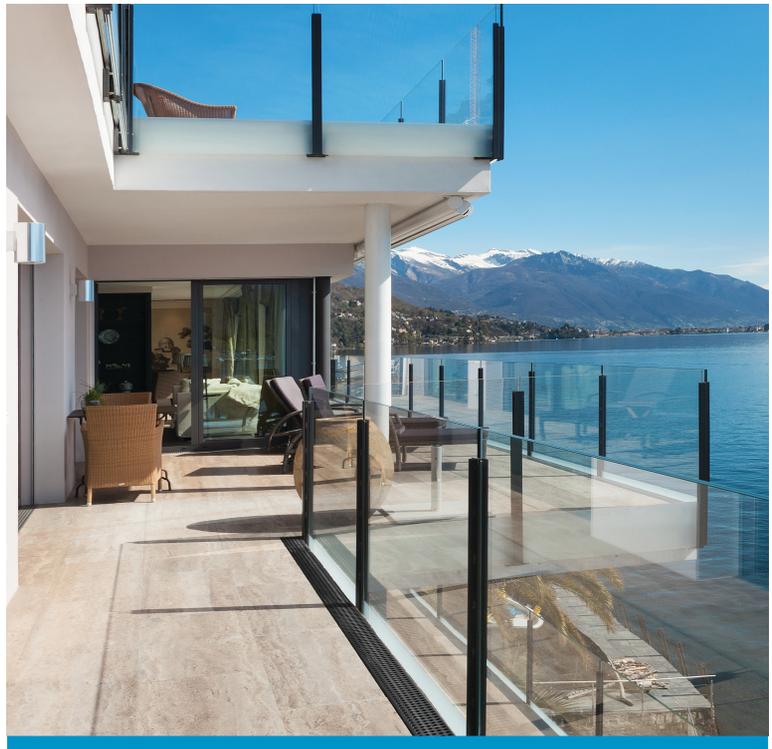
Decoupling

Loose laid over the waterproofed surface, ARDEX UD 150 allows design of a fully-adhered tiling system while still meeting the requirements of E2/AS1 for removable surfaces over the waterproofing. ARDEX UD 150 also fully isolates the tiled surface from substrate movement or cracking.

IMPROVED DRAINAGE, REDUCED EFFLORESCENCE

Speeding up the drying process after rainfall, the ARDEX UD 150 system effectively eliminates unsightly efflorescence.

Designed with a 6mm drainage channel that allows the free movement of water underneath the tiled surface. After rainfall, water can move down through the cement-based grouting and adhesion products and into the drainage channel below where it can travel away with little effect. As the water is neither standing nor passing back up through the cement adhesive and a cement-based grout there's no worry of salts being carried up onto the tile surface creating efflorescence.



Increased Design Possibilities

ARDEX UD 150 offers increased design possibilities as it can be combined with many other elements in order to aid the specific requirements of your project. ARDEX UD 150 eliminates the need for a structural tile used in deck jack systems and allows the use of many different tile types and the coloured accent of grouting products.

Soundproofing

ARDEX UD 150 provides significant impact insulation against footfall sound. Contact ARDEX for more information.



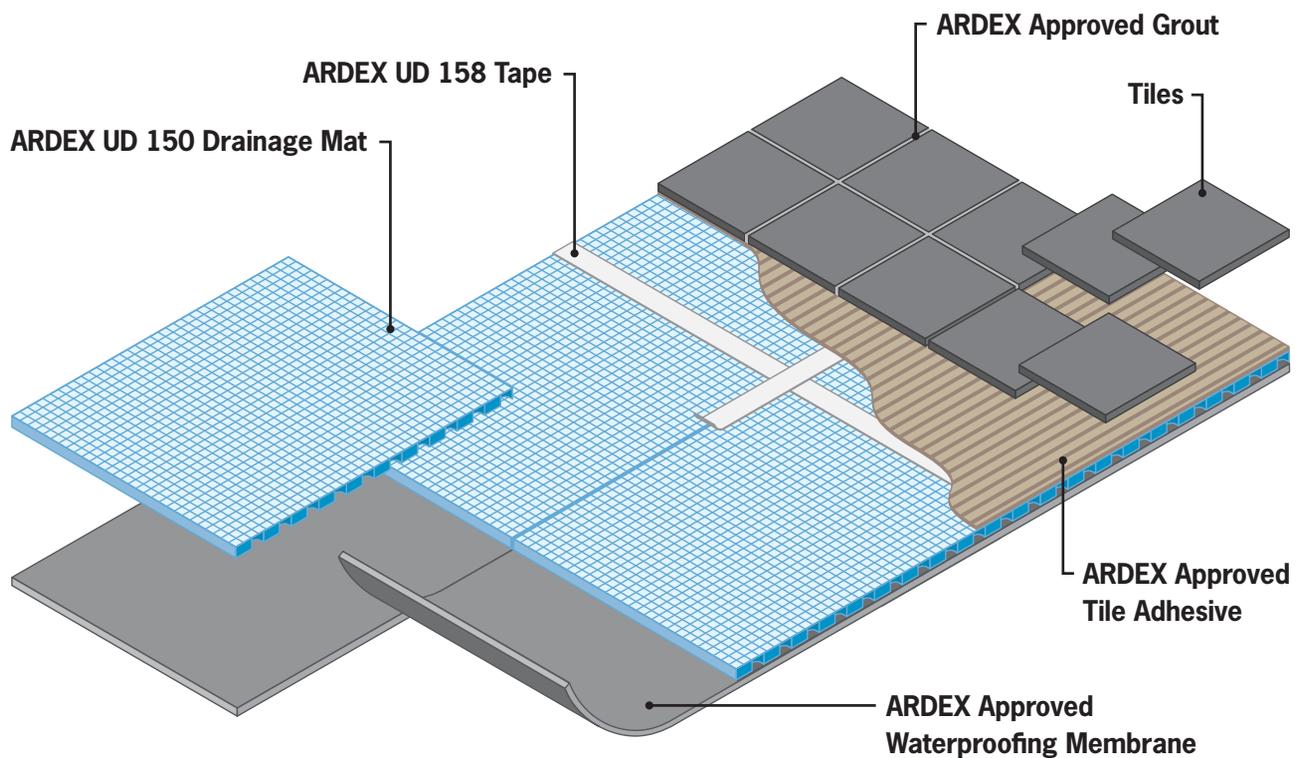
KEY BENEFITS OF ARDEX UD 150

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- The answer for directly adhered external tiling systems
 - Excellent drainage capabilities
 - Allows fast and full drying of the tile and deck system
 - Reduces the risk of efflorescence
 - Meets NZBC E2/AS1 requirements for a removable surface
 - Isolates cracking and substrate movement from the tiled surface
 - High compressive strength and rigidity
 - Provides insulation and impact and footfall sound
 - Fully compatible with ARDEX waterproofing and tiling systems
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ARDEX UD 150 TECHNICAL INFORMATION



• Compressive strength	30MPa
• Concentrated point load	< 2.4kN
• Drainage capacity (i = 1.5%)	0.19 - 0.28 l/m/s
• Impact sound reduction	10mm tiles: L'w = 17dB 20mm natural stone: L'w = 19dB
• Temperature resistance	-30°C to 70°C (80°C intermittent)
• Size	1.02m x 1.96m (2m ²)
• Thickness (Total)	9mm
• Thickness (Drainage core)	6mm



To learn more please call 0800 227 339,
email specification@ardexnz.com
or visit www.ardex.co.nz

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