

TERREAL BREEZE TERRACOTTA TILE RAINSCREEN CLADDING

Terreal pioneered the use of Terracotta tiles as rainscreen claddings in the 1990's with Architect Renzo Piano. Since then, the Terreal Group have gone on to become one of the world's largest manufacturers of the product, with 26 factories throughout America, Europe and Asia.

Terreal's Breeze is low cost, extra slim (16mm) double skin rainscreen cladding tile. Breeze tiles are produced in one size (300x600mm) and are installed with overlapping horizontal joints and gasket sealed vertical joints.

The smaller, single module size makes the system more cost effective and easier to install than larger, heavier terracotta tile systems.



**“THE TERREAL BREEZE RAINSCREEN SYSTEM
IS A COST-EFFECTIVE, DURABLE &
LOW MAINTENANCE CLADDING OPTION FOR
ALL TYPES OF BUILDINGS.”**



TERREAL BREEZE

TERRACOTTA TILE RAINSCREEN

CLADDING

Scope: WHERE to use Breeze Tile Rainscreen

- Suitable for use on new multi-level residential and commercial exterior facades.
- Upgrading/refurbishment of old existing facades.
- Where insulation is to be incorporated into the cavity (typically masonry walls).
- Interior feature/acoustic walls (in combo with acoustic batt products).
- All environments including coastal spray & geothermal zones, and earthquake prone areas.
- Approved and tested for use on buildings with factored wind loads up to 2.38 kPa ULS wind pressure. For higher wind loads a site-specific approval will be required.
- The Breeze system is typically installed over Stamilol FA Building Textile, which provides a water resistant but vapour open membrane to protect the building structure. This can be used with or without or backer board compliant with Table 23 of NZBC/E2:2011 and NZS3604:2011.
- Breeze tiles are installed onto SPS's T series rail system, with cavity depths of 50-600mm possible.

Benefits: WHY use Terracotta Tile Rainscreen

- Breeze Tiles are made from 100% natural material, and are recyclable.
- Terracotta is a very durable product, resistant to UV & weather damage.
- Non-combustible, with no restrictions on where it can be used.
- Low thermal diffusivity of the tiles contributes to stable & comfortable indoor temperatures.
- A simple cavity system and single module size allows for quick and easy installation.
- System include flashing solutions around windows and doors.
- Supply and installation done by approved installers only.

Compliance within the New Zealand market place

- The Terreal Breeze rainscreen system is an alternative solution to E2 of the NZBC. For building compliance, SPS can arrange a PS1 in consultation with a façade engineer.

Warranty

- Materials: 10 years.



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