

Product Data Sheet for Façade Panels

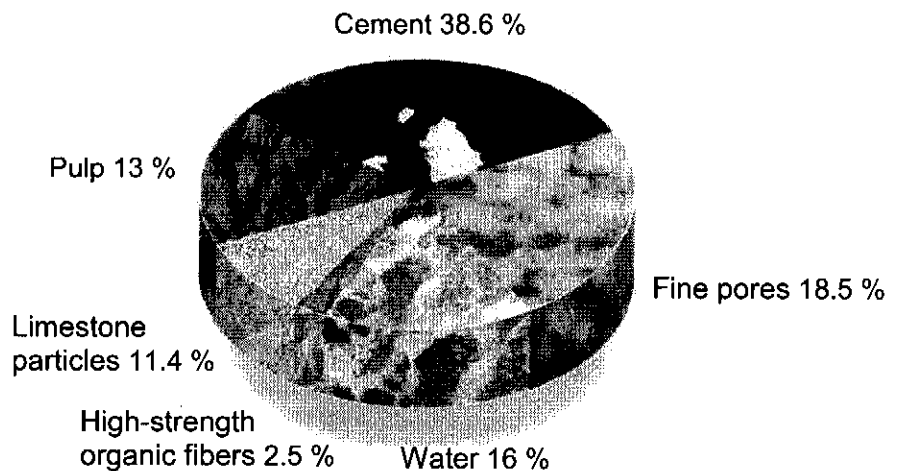
Eternit-Werke Ludwig Hatschek
Aktiengesellschaft
Eternitstraße 34
A-4840 Vöcklabruck, Austria



Material:

Fiber cement

- 38.6% Cement
- 18.5% Fine pores
- 16% Water
- 13% Pulp
- 11.4% Limestone particles
- 2.5% High-strength organic fibers



Coating:

- Tectura (full coverage)
- Natura (glazing)
- Classica (transparent)
- Classica C (full coverage)

The coating guarantees that the panels have an excellent resistance to moisture and prevents lime efflorescence. The surface can also be cleaned with water and commercially available detergents.

Technical Specifications:

	Large Panel	Medium Format
Panel Width	1230 mm	594 mm
Panel Length	3030 2530 mm 1200	3000 1500 mm
Panel Thickness	8 12 mm	6 mm
<i>Dimensional Tolerances</i>		
Length *)	± 5 mm	± 0,3 %

Width *)	± 0,3 %	± 3 mm
Thickness *)	± 10 %	± 10 %
Perpendicularity *)	2 mm/m	2 mm/m
<i>Physical Characteristics</i>		
Bending Tensile Strength (Class 4) *)	=18 N/mm ²	=18 N/mm ²
Elasticity Modulus	13 kN/mm ²	13 kN/mm ²
Molded Density *)	=1,55 g/cm ³	=1,55 g/cm ³
Water Vapor Diffusion (μ)	400	400
Thermal Expansion	0,01 m/K	0,01 m/K
K-Factor	0,5 W/m ² K	0,5 W/m ² K

* Required according to the Austrian standard (ÖNORM) EN 12467

The high inherent mechanical stability guarantees that the panels have a high breaking strength. No splinters or dangerously sharp edges are caused in the event of mechanical damage.

Fire Performance:

In accordance with ÖNORM EN 13501-1: Class A2 S1 d0
(This classification applies to all the coatings listed above)

Weather Resistance:

In accordance with ÖNORM EN 12467: Category A

Disposal:

Fiber cement façade panels contain no asbestos and release no toxic or environmentally harmful substances. After serving their purpose, they can be disposed of as normal construction waste.

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