

EQUITONE [linea]LT

Material Information Sheet

1. Product Appearance

EQUITONE [linea]LT is a through coloured panel with no coating. As the panel has an honest, pure and natural appearance, colour differences are possible. The surface of the sheet is characterised by fine sanding lines and white spots. The EQUITONE [linea] features grooves to the front face of the board. The rear receives no back-sealing coating.

2. Product Composition

EQUITONE [linea]LT sheets consist of the following:

- Portland cement
- Selected mineral fillers providing extra smooth surface
- Organic reinforcing fibres
- Mineral and organic pigments
- Functional additives

3. Production Method

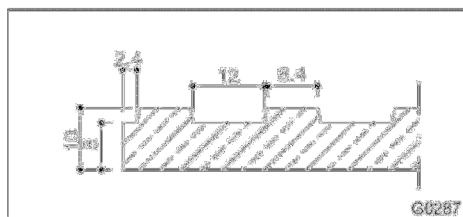
EQUITONE [linea]LT sheets are manufactured on a Hatschek machine, are double pressed, autoclaved calibrated and sanded. Afterwards EQUITONE [linea]LT is made water repellent on the front and back by means of a hydrophobation.

4. Dimensions

EQUITONE [linea]LT is available in 10mm thickness.

Dimensions:

Rectified - trimmed	1220mm x 2500mm	1220mm x 3050mm
---------------------	-----------------	-----------------



The dimensions of the grooves are purely indicative. These are nominal dimensions subject to manufacturing tolerances. The grooves are longitudinal in the sheet.



5. Colour

The colour is throughout the sheet. Natural colour differences, possibly accentuated by the orientation of the sheet, the viewing angle and the effects of light and moisture, are possible. The sheet becomes a little lighter with aging. The surface of the sheet is characterised by a grooved surface lines. White spots are inherent to the material.

The risk of colour differences between the various sheets decreases when the whole quantity is ordered at once.

6. Technical Properties

EQUITONE [linea]LT cladding panels conform to the requirements of EN 12467:2012-12 “Fibre-cement flat sheets - Product specification and test methods“. The results below are presented as defined by the standard.

Technical properties

Minimum Density	Dry	EN 12467	1,580	kg/m ³
Characteristic bending strength parallel	ambient	EN 12467	32.0	N/mm ²
Characteristic bending strength perpendicular	ambient	EN 12467	22.0	N/mm ²
Mean module of elasticity	ambient	EN 12467	>13,000	N/mm ²
Hygric movement	30-95%	-	1.60	mm/m
Water absorption of uncoated panel	0-100%	-	<25	%

Classification

Durability classification	EN 12467	Category A
Strength classification	EN 12467	Class 5
Reaction to fire	EN 13501-1	A2-s1, d0

Extra tests

Water impermeability test	EN 12467	Pass
Warm water test	EN 12467	Pass
Soak-dry test	EN 12467	Pass
Freeze-thaw test for category A panel	EN 12467	Pass
Heat-rain tests for category A panel	EN 12467	Pass
Dimensional tolerances for	EN 12467	Pass
Thermal movement	-	0.01 mm/mk
Thermal conductivity	-	0.39 W/mK

Panel Weight (air-dried)

Panel	Weight	2500mm x 1220mm	3050 mm x 1220mm
10mm	16.8 kg/m ²	51.2 kg/panel	62.5 kg/panel

Tolerances rectified trimmed, in accordance with EN 12467

Factory supplied	
Thickness 10mm panel	± 1.0mm
Length	± 2mm
Width	± 2mm
Squareness	1.0mm/m



7. Advantages

Providing the application guidelines are followed, EQUITONE fibre-cement sheets have the following superior mix of properties compared to other materials:

- fire safe (no fire ignition, no spread of fire)
- sound insulating
- resistant to extreme temperatures
- water resistant (if in compliance with application guideline)
- resistant to many living organisms (fungi, bacteria, insects, vermin, etc.)
- resistant to many chemicals
- environmentally friendly, no harmful gas emissions

In addition, EQUITONE [linea]LT has the following specific properties:

- Strong and rigid sheet
- Smooth aesthetic surface with natural hues
- Natural pure colour

8. Applications

EQUITONE [linea] can be used in the following applications:

- Façade: Rear ventilated façade cladding
- Exterior ceiling: decorative cladding of ceiling
- Weatherboarding
- Eaves and verge boards
- Interior wall lining

9. Health and Safety Aspects

During the mechanical machining of panels, dust can be released which can irritate the airways and eyes. The inhalation of fine (respirable size) quartz containing dust, particularly when in high concentrations or over prolonged periods of time can lead to lung disease and an increased risk of lung cancer. Depending on the working conditions, adequate machinery with dust extraction and/or ventilation should be foreseen. For more information, please check the Safety Data Sheet (based on 1907/2006/EC, article 31).

EQUITONE [linea]LT is certified with an Environmental Product Declaration according to ISO 14025 (available from local support).

The life cycle assessment includes raw material and energy production, the actual manufacturing phase, and the use phase of the fibre cement panels.



10. Maintenance and Cleaning

For minor soiling, washing with a mild household detergent or soft soap solution followed by rinsing with clear water.

11. Certification

The manufacturer can - within the framework of the European Regulation N° 305/2011 (CPR) - present the Declaration of Performance (DOP) of the product such confirming that the product has a CE marking. The CE marking guarantees that the product is in accordance with the basic requirements determined by the harmonized European standard and applicable to the product. The Declaration of Performance is presented in accordance with the CPR and can be found at www.infodop.com. The products are delivered with the KOMO-certificate. The manufacturer is also ISO certified.



12. Additional Information

Information on the different applications can be found in the Etex Façade application guidelines. They can be found on the website or can be obtained from local support. Information about external suppliers can also be downloaded from the local websites.

Disclaimer

The information in this Guidance Note is correct at time of issuing. However, due to our committed program of continuous product and system development we reserve the right to amend or alter the information contained therein without prior notice. Please contact your local EQUITONE Sales Organisation to ensure you have the most current version.

All information contained in this Guidance Note is copyrighted ©.

All figures contained in this document are illustrations and should not be used as construction drawings.

This information is supplied in good faith and no liability can be accepted for any loss or damage resulting from use.