Short Form Classification Report No. 22250H

PRODUCT

EQUITONE [tectiva], EQUITONE [linea] & EQUITONE [lunara]

SPONSOR

ETERNIT NV

PRODUCT DETAILS

- Covered fiber cement sheets: EQUITONE [tectiva], EQUITONE [linea] & EQUITONE [lunara]
- With a thickness equal to or greater than 8 mm (- 0.8 mm)[1] for EQUITONE [tectiva]
- With a thickness equal to or greater than 8 mm (- 0.8 mm, min.)[2] to 10 mm (max.) (varying due to the surface texture) for EQUITONE [lunara]
- With a thickness equal to or greater than 8 mm (- 0.8 mm, min.)[3] to 10 mm (max. thickness measured on the ribs) (varying due to the surface texture) for EQUITONE [linea]
- Nominal density of 1580 kg/m³, within a range of ± 150 kg/m³
- With a different surface texture (smooth or embossed)
- Valid for all colours (in mass coloured fiber cement sheets) as long as the PCS-value is lower than or equal to 1,3MJ/kg.
- Also valid for milled panels with milling depth of max. 2mm

FIELD OF APPLICATION (SUMMARY)

- Fiber cement sheets of the same type, but with different dimensions of length and width
- Concealed fixing system: **Tergo+ (Fischer) system**
- With a ventilated air gap
- Without rainscreen

More detailled information about the field of application can be found on page 2

CLASSIFICATION

A2-s1,d0

STANDARDS

Test standard: EN ISO 1716:2018 & EN 13823:2020
Classification standard: EN 13501-1:2018

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This short form classification report has been drafted according to EGOLF agreement EGA 039:2021 “Application note: clause 7.8 [7.8/1] – Types of reports”. It has not been drafted under the requirements of EN ISO/IEC 17025 accreditation and is not valid to officially classify a product. The full classification report No. **22250F** is available at **ETERNIT NV**.
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[1] Allowed product tolerance on the lower limit of the nominal thickness, in accordance with Table 2 of §5.3.4.2 of the harmonized product standard EN 12467:2012+A2:2018
[2] Allowed product tolerance on the lower limit of the thickness, in accordance with Table 3 of §5.3.4.2 of the harmonized product standard EN 12467:2012+A2:2018
[3] Allowed product tolerance on the lower limit of the thickness, in accordance with Table 3 of §5.3.4.2 of the harmonized product standard EN 12467:2012+A2:2018

ANNEX 1 – DETAILLED INFORMATION ABOUT THE FIELD OF APPLICATION

- **Tergo+ (Fischer) system**
  - With open horizontal joints having a width of 12 mm or smaller (including a closed joint). These joints can either be left open or baffled with an aluminium joint profile.
  - With open vertical joints having a width of 12 mm (tested joint width) or smaller. These joints can either be left open or baffled with an aluminium joint profile.
  - No jointing strips are used – Also valid with EPDM jointing strips (4048581 & 4048582) onto the vertical wooden battens (testing without EPDM strip is considered to be worst case over testing with EPDM strip – see EXAP report No. 15090C).
  - This system consists of horizontal aluminium profiles fixed to an aluminium or wooden vertical structure
  - Aluminum panel hangers are fixed to the back of the fiber cement sheet by using a specific stainless-steel anchor. All anchors for installing in the fiber cement sheets are stainless steel 316 grade A4. Material number 1.4401.
  - The fiber cement sheets with the pre-installed brackets are mounted onto the aluminium horizontal profiles.
  - Type of anchor according to following information:

For 8mm and 10mm EQUITONE panels

Stainless steel Anchor	Embedment depth / remaining material thickness [mm]
Fischer FZP-K-T 11x6 M6/T/10 PA 11x6 M6/T/13 PA	h_1=6,0 / h_2=2,0 for 8mm panels h_1=6,0 / h_2=4,0 for 10mm panels

The standard thread length of 10 mm will suit most applications. The longer bolt of 13 mm is used when a bigger clamping range is required.

- Fiber cement sheets of the same type, but with different dimensions of length and width
- Fixed at different (wider or closer) horizontal or vertical fixing centers
- Ventilated air gap in accordance with one of the following descriptions
  - With a ventilated air gap of at least 20 mm with insulation as tested (mineral wool 50 mm, density 50 kg/m³).
  - Or with a ventilated air gap of at least (40 ± 1 mm) directly behind the sheets is present and with other types of insulation of at least EURO class A2-s1, d0 (according to EN 13501-1)
- Insulation in accordance with one of the following descriptions
  - Without thermal insulation in the cavity as long as a ventilated airgap of at least (40 ±1 mm) directly behind the sheets is present.
  - Or with insulation as tested (mineral wool 50mm, density 50 kg/m³)
  - Or with other types of insulation of at least EURO class A2-s1,d0 (according to EN 13501-1) as long as a ventilated airgap of at least (40 ±1 mm) directly behind the sheets is present.
- Without rainscreen
- Substrate/backing board (layer behind the insulation): Euro class A2-s1, d0 or better; excluding paper faced gypsum plasterboards, with a minimal thickness of 9 mm and a minimal density of 652,5 kg/m³