Short Form Classification Report No. 21070F

PRODUCT

Wilotekt-Plus Hot Melt Inverted Roof System

SPONSOR

Axter Limited

PRODUCT DETAILS

Gravel ballast with an optional polyethylene netting and optional propylene pegs.	Axter Water flow reducing layer (WFRL)	Hytherm ECO XPS, Hytherm ULTRA XPS or Hytherm XPS	Wilotekt-Plus Hot melt
20 – 40 mm gravel size	A spun bonded polyethylene geotextile water flow reducing layer with 300 mm overlaps, sealed with Hytherm tape (sealing of laps is optional).	Extruded polystyrene (XPS) insulation board (single or multi layer)	A bituminous hot melt waterproofing system, consisting of 4 layers.
50 mm up to any thickness		50 mm up to any thickness	± 7,0 mm
80000 g/m²		30 -40 kg/m³	7690 g/m²
Loose laid		Loose laid	Fully bonded. Hot roll-and-pour

FIELD OF APPLICATION

- Range of pitches: ≤ 10°
- Range of substrates: Oriented Strand Board Type 3 (OSB3) (not FR Grade) (18 mm or more ; 600 kg/m³)
- See annex A for the full extended field of application

CLASSIFICATION

Broof (T4)

STANDARDS

Test standard: CEN/TS 1187:2012
Classification standard: EN 13501-5:2016

SIGNED

Mikel Nachtergaele
(Signature)
Project assistant
2022.02.01 13:24:25 +01'00'

APPROVED

Bart Sette (Signature)
General Manager
Ghent
2022.02.02 10:50:39 +01'00'

For and on behalf of WFRGENT nv

This short form classification report has been drafted according to EGOLF agreement EGA 08rev2:2013 “Application note: clause 5.10 [5.10/1] – Types of test reports used in fire testing”. Whilst the test data and classification provided within this short form report was obtained in a test conducted fully in accordance with the standards CEN/TS 1187:2012, EN13501-5:2016, the presentation of the results in this short form report may not satisfy the requirements of those standards and EN ISO/IEC 17025:2005/AC:2006. The presentation of the results in this manner is made by agreement with the sponsor and use of the information herein for product assessment, approval or certification purposes will be restricted.
The full classification report No. **21070D** is available at Axter Limited.

The authenticity of the electronic signatures is assured by Belgium Root CA.

Annex A: Extended field of application

- Range of layer 0: Gravel ballast with an optional polyethylene netting and optional propylene pegs. The netting and pegs are as tested and described in §1.2 of report 21070D

Size:	20 – 40 mm
Thickness:	50 mm up to any thickness
Surface weight:	80000 g/m²
Fixing method:	Loose laid

- Range of layer 1: Axter Water flow reducing layer (WFRL)

Type of product:	A spun bonded polyethylene geotextile. water flow reducing layer with 300 mm overlaps, sealed with Hytherm tape (sealing of laps is optional).

- Range of layer 2: XPS insulation: Hytherm ECO XPS, Hytherm ULTRA XPS or Hytherm XPS

Thickness (single or multi layer):	50 mm up to any thickness
Density of the foam:	30 - 40 kg/m³
Reaction to fire classification:	E or better
Fixing method:	Loose laid

- Range of layer 3: waterproofing system: Wilotekt-Plus Hot melt

Type of product:	A bituminous hot meltwaterproofing system, consisting of 4 layers. The primer (Wilotekt-Plus surface conditioning primer), can be changed with VERNIS SA, VERNIS ANTAC or VERNIS SEAL
Total thickness:	± 7,0 mm
Total surface weight:	7680 g/m²
Reinforcement:	Top layer: Stabilised polyester 180 g/m² or less - Reinforcement layer: 150 g/m²
Mineral finish	- Top layer: Sand 300 g/m² facing - Top layer: Sand 300 g/m² backing
Fixing method:	Fully bonded. Hot roll-and-pour

- Range of layer 4 (supporting deck): Oriented Strand Board Type 3 (OSB3) (not FR Grade)

Thickness:	18 mm or more
Density:	600 kg/m^3