

Short Form Classification Report No. 20295Q

PRODUCT

Excel Single Layer Roof System

SPONSOR

Axter Limited

PRODUCT DETAILS

Excel / Excel FM	Hydranger Spot ADH	Hytherm ADH/BF/FM	SK VAP
SBS elastomeric membrane with a polyester reinforcement	SBS elastomeric membrane with a polyester reinforcement	PIR board with a bituminous glass tissue facer and PP-fleece backing	Alufoil vapour barrier with a composite reinforcement
4,0 mm	2,6 mm	From 50 mm up to any thickness	1,2 mm
5075 g/m ²	3160 g/m ²	30 kg/m ³	1200 g/m ²
Stabilised polyester 180 g/m ² or less	Stabilised polyester 120 g/m ² or less	Coated glass tissue and bitumenised glass tissue with polypropylene fleece	Composite aluminium / glass fibre 120 g/m ²
Mech / Torched / Hot-air	Self-adhesive	PU adhered	Self-adhesive

FIELD OF APPLICATION

- Range of pitches: $\leq 10^\circ$
- Full extended field of application: see annex A

CLASSIFICATION

Broof(T4)

STANDARDS

Test standard: CEN/TS 1187:2012

Classification standard: EN 13501-5:2016

SIGNED

APPROVED

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. **20295P** is available at **Axter Limited**.

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Annex A: extended field of application

➤ Range of layer 0: Excel / Force Solo / Excel FM

Thickness:	4,0 mm
Surface weight:	5075 g/m ²
Reinforcement:	Stabilised polyester 180 g/m ² or less
Flame retardant:	Yes
Fixing method:	Mechanically / Torched / Hot-air

➤ Range of layer 1 (OPTIONAL): Hyranger Spot ADH

Thickness:	2,6 mm
Surface weight:	3160 g/m ²
Reinforcement:	Stabilised polyester 120 g/m ² or less
Flame retardant:	No
Fixing method:	Self-adhesive

➤ Range of layer 2: PIR insulation with coated glass tissue and bitumenised glass tissue with polypropylene fleece

Thickness (single or double layer):	50 mm or more
Density of the foam:	30 kg/m ³
Facing/backing:	Coated glass tissue and bitumenised glass tissue with polypropylene fleece (weight not communicated)
Reaction to fire classification:	E or better
Fixing method:	PU adhered

➤ Range of layer 3: PU adhesive

Weight percentage (w%)	100
Surface weight applied:	30-60 m ² / 6 L
Flame retardant	No
Application method	In beads 20 to 30 mm wide

➤ Range of layer 4: Alufoil vapour barrier

Reaction to fire according to EN13501-1	NPD
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➤ Range of layer 5: Supporting deck

Range of supporting decks:	OSB (18 mm or more, 600 kg/m ³)
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