

CEN/TS 1187:2012 (test 4) Test report

Reaction to fire tests. Test methods for external fire exposure to roofs - test 4.

Date	02/05/2025
Sponsor	Ryno Ltd.
Report No	1522
Issue	A

Disclaimer:

- The testing method was performed in accordance with the customer's specifications.
- This report is only valid in its entirety and no part may be used independently.
- Details for the parts being examined were provided by the customer.
- Results are only valid for the specific parts examined and for the date of examination.
- The test results relate to the behaviour of the test specimens of a product under the particular conditions of the test; they are not intended to be the sole criterion for assessing the potential fire hazard of the product in use.
- The accreditation symbol is only valid for the specific testing methods under accreditation.
- UKAS is not responsible for the results contained in this report.

The test was performed by System Laboratories UK Ltd.
Unit 13, Apex Park, Leighton Road, Leighton Buzzard, LU7 3RE, UK

Report Number	1522-A
----------------------	---------------

Purpose	Test methods for external fire exposure to roofs
Examination standard	CEN/TS 1187:2012
Examination procedure	System Laboratories UK procedure 260
Sponsor	Ryno Ltd
Sponsor address	Castle Point, Castle Way, Ellon, Aberdeenshire, AB41 9RG, UK
Project name	TerraSmart Wet Pour Rubber System
Site address	N/A
Testing location	Unit 13, Apex Park, Leighton Road, Leighton Buzzard, LU7 3RE, UK
Order number	1522
Order date	26/03/2025
Project number	532
Testing date	02/05/2025
Report date	02/05/2025
Testing equipment	Radiant Panel [75 - 78], Flame Height Measurer [83], Calibration Table [80], 0° Tub [106], Specimen Holder [82], Height Measurer [79], Lab Jack [84], [Raspberry Pi 5 [85], Thermohygrometer [73]
Sample description	See page 3 for detailed description
Examination results	See page 4 for detailed results
Deviations from testing standard	N/A

Tested by

Austin Melton


Approved by

Asaf Gitarts



Report Number	1522-A
----------------------	---------------

Sample description	
Supplier	Ryno Ltd
Supplier address	Castle Point, Castle Way, Ellon, Aberdeenshire, AB41 9RG, UK
Product name	TerraSmart Wet Pour Rubber System
Sampling procedure	N/A
Construction form	Rigid insulated roof
Mass per unit area	64 kg/m ²
Sampling date	N/A
Arrival date	26/03/2025
Product ID	N/A
Sample ID	N/A
Sample density	1600 kg/m ³
Thickness	210 mm
Method of fixing	N/A
Conditioning	As per BS EN 13238:2010 to constant mass
Sample description	Rubber crumb surface (wet pour) applied to raised support system (100 to 150mm) for use on roof terraces

Report Number	1522-A
----------------------	---------------

Results

Stage 1 Results

Sample 1			
Duration Of Flaming (s)	Flame Spread (mm)	Penetration of the sample (Y/N)	Glowing of the underside of the sample (Y/N)
0	N/A	N	N

Stage 2 Results

Observations	Samples		
	Sample 2	Sample 3	Sample 4
Post Test Room Temp. (°C)	25	21.8	24.3
Roof Pitch (°)	0	0	0
Time Of Penetration (s)	N/A	N/A	N/A
Melting of specimen (Y/N)	N	N	N
Molten Droplets or Debris (Y/N)	N	N	N
Time Flaming of Droplets (s)	N/A	N/A	N/A

-End of Report-