

Test report no.: <i>Testrapport nr.:</i>	89225246 003	Order No.: <i>Opdracht nr.:</i>	225246	Page 1 of 14 <i>Pagina 1 van 14</i>
Client Reference No.: <i>Klantreferentie nr.:</i>	N/A	Order date: <i>Opdrachtdatum:</i>	2025-01-06	
Client: <i>Klant:</i>	KERAMA GROUP B.V., Braillestraat 10, 2652 XV BERKEL EN RODENRIJS, The Netherlands			
Test item: <i>Testvoorwerp:</i>	Floor covering			
Identification/ Type No.: <i>Benaming / Type nr.:</i>	Hollywood			
Order content: <i>Inhoud opdracht:</i>	Assessment against EN ISO 9239-1 and EN ISO 11925-2 in accordance with harmonized standard EN 14041:2004/AC:2006 § 4.1 and Regulation (EU) 305/2011.			
Test specification: <i>Testomschrijving:</i>	EN 13501-1:2018 ^a Classification of burning behaviour			
Date of sample receipt: <i>Ontvangstdatum monster:</i>	2025-01-16			
Test sample No: <i>Testproefstuk nr.:</i>	MT25-225246.02			
Testing period: <i>Testperiode:</i>	2025-01-16 - 2025-03-17			
Place of testing: <i>Testlocatie:</i>	Westervoortsedijk 73, 6827 AV Arnhem			
Testing laboratory: <i>Testlaboratorium:</i>	TÜV Rheinland Nederland B.V. (NB 0336)			
Test result: <i>Testresultaat:</i>	Classification: Cfl-s2			
tested by: <i>getest door:</i>	 Signed by: Michiel van de Vlekkert		authorized by: <i>geautoriseerd door:</i>	 Ondertekend door: Klaas Kooistra
Date: 2025-03-18 <i>Datum:</i>			Issue Date: 2025-03-18 <i>Datum uitgave:</i>	
Position / functie:	Engineer	Position / functie:	Expert	
Others / <i>Andere:</i>	The classification assigned to the product in this report is appropriate to a declaration of conformity by the manufacturer within the context of system 3 of AVCP and CE marking under the Regulation 305/2011/EU of the European Parliament and of the Council of 9 March 2011 laying down harmonised conditions for the marketing of construction products.			
Condition of the test item at delivery: <i>Toestand van het test voorwerp bij ontvangst:</i>	Test item complete and undamaged			
Legend: <i>Legenda:</i>	P(ass) = passed a.m. test specification(s) P(ass) = voldoet aan test omschrijving	F(ail) = failed a.m. test specification(s) F(ail) = voldoet niet aan test omschrijving	N/A = not applicable N/A = niet van toepassing	N/T = not tested N/T = niet getest
This test report only relates to the a. m. test sample. Without permission of the test center this test report is not permitted to be duplicated in extracts. This test report does not entitle to carry any test mark. <i>Dit testrapport heeft alleen betrekking op het voorgenoemde test voorwerp. Zonder toestemming van het testcentrum mag dit testrapport niet in delen worden vermenigvuldigd. Dit keuringsrapport geeft geen recht op het dragen van enig keurmerk.</i>				

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Remarks
Opmerkingen

- | | |
|---|---|
| 1 | <p>The equipment used during the specified testing period was calibrated according to our test laboratory calibration program. The equipment fulfils the requirements included in the relevant standards. The traceability of the test equipment used is ensured by compliance with the regulations of our management system. The decision rule for statements of conformity in this test report is based on the "Zero Guard Band Rule" and "Simple Acceptance" in accordance to and ILAC-G8:09/2019 and IEC Guide 115:2021, unless otherwise specified in the applied standard mentioned on Page 1 of this report or requested by the customer. This means that measurement uncertainty is not taken in account.</p> <p><i>De apparatuur die tijdens de gespecificeerde testperiode is gebruikt, is gekalibreerd volgens ons testlaboratoriumkalibratieprogramma. De apparatuur voldoet aan de eisen die zijn opgenomen in de relevante normen. De traceerbaarheid van de gebruikte testapparatuur wordt gewaarborgd door naleving van de voorschriften van ons managementsysteem. De beslisregel voor conformiteitsverklaringen in dit testrapport is gebaseerd op de "Zero Guard Band Rule" en "Simple Acceptance" in overeenstemming met en ILAC - G8:09/2019 en IEC Guide 115:2021, tenzij anders aangegeven in de toegepaste norm vermeld op pagina 1 van dit rapport of aangevraagd door de klant. Dit betekent dat er geen rekening wordt gehouden met de meetonzekerheid.</i></p> |
| 2 | <p>As contractually agreed, this document has been signed digitally only. TÜV Rheinland has not verified and unable to verify which legal or other pertaining requirements are applicable for this document. Such verification is within the responsibility of the user of this document. Upon request by its client, TÜV Rheinland can confirm the validity of the digital signature by a separate document. Such request shall be addressed to our Sales department. An environmental fee for such additional service will be charged.</p> <p><i>Zoals contractueel overeengekomen is dit document enkel digitaal ondertekend. TÜV Rheinland heeft niet geverifieerd en kan niet verifiëren welke wettelijke of andere vereisten van toepassing zijn op dit document. Een dergelijke verificatie valt onder de verantwoordelijkheid van de gebruiker van het document. Op verzoek van de opdrachtgever kan TÜV Rheinland de geldigheid van de digitale handtekening bevestigen door een apart document. Een dergelijk verzoek moet worden gericht aan onze verkoopafdeling. Voor een dergelijke extra service zal een milieutoeslag in rekening worden gebracht.</i></p> |
| 3 | <p>Test clauses with remark of * are subcontracted to qualified subcontractors and described under the respective test clause in the report. Tests clauses marked with ^a are performed under EN ISO/IEC 17025 accreditation. Deviations of testing specification(s), test locations or customer requirements are listed in specific test clause in the report. This report is only to be read as a whole. No opinions or interpretation are included in this report. This test report consists of multiple pages and is only to be read as a whole. The number of pages can be seen in the header on the top right of each page, the report ends when the last page is reached. TÜV Rheinland Nederland B.V. is solely responsible for the content.</p> <p><i>Test onderdelen welke met * zijn gemarkeerd zijn uitbesteed aan gekwalificeerde onderaannemers en zijn beschreven in het respectievelijke test onderdeel van dit rapport. Test onderdelen welke met ^a zijn gemarkeerd zijn onder EN ISO/IEC 17025 accreditatie uitgevoerd. Afwijkingen van testspecificatie(s), testlocaties of klant eisen zijn vermeld in het van toepassing zijnde onderdeel in het rapport. Het rapport dient als geheel te worden gelezen. Er zijn geen opinies en interpretaties opgenomen binnen het rapport. Dit rapport bestaat uit meerdere pagina's en dient al geheel gelezen te worden. Het aantal pagina's is rechtsboven in de koptekst van dit rapport vermeld en eindigt wanneer de laatste pagina is bereikt. TÜV Rheinland Nederland is als enige verantwoordelijk voor de inhoud van het rapport.</i></p> |
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Product description
Product omschrijving

1	Product details: <i>Product details:</i>	Product name: Hollywood
2	Other: <i>Andere:</i>	Test sample(s), as well sample information, description, product details and intended usage was provided by customer.
3	Test sample obtaining: <i>Selectie van het proefstuk:</i>	☒ Sending by customer ☐ Sampling by TÜV Rheinland Group ☐ Others:

Figure 1: Picture of the received sample (surface)



Figure 2: Picture of the received sample (back)



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Clause Deel	Requirements - Tests / Vereisten - Tests	Measuring results – Remarks Meetresultaten – Opmerkingen	Result Resultaat
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1	Construction data (indicative) of the product obtained by the testlaboratory after pre-conditioning <i>01-4.3-P.02-322-WI01</i>	
	Test condition	23 ± 2°C and 50 ± 4% relative humidity
	Pre conditioning, duration	≥ 48 h & until constant mass is achieved
	Total thickness (mm)	23.6
	Total mass (g/m²)	20198
	Density (kg/m³)	857
	<i>Note: the determined construction data are used for determination of constant mass, the used testmethod is not in accordance with the determination of construction data according the specification standard. Therefore the testresults should be handled as indicative.</i>	

2	Ignitability of products subjected to direct impingement of flame <i>EN ISO 11925-2:2020^a</i>								
	Date of testing			2025-03-17					
	Pre-conditioning, climate			23 ± 2°C and 50 ± 4% relative humidity					
	Pre-conditioning, duration			≥ 48 h & until constant mass is achieved					
	Description of substrate			Fibre cement board, thickness 8 ± 2 mm, density 1800 ± 200 kg/m ³ conforming to EN 13238:2010					
	Precision of the test method			The measurement uncertainty for this test strongly depends on the products that are tested, based on that influence a measurement uncertainty for the method can't be determined. Information on the influence of the different products can be found in EN ISO 11925-2:2020 Annex A.					
	Flame application			Surface					
	Flame application time (s)			15					
	Requirements according EN 13501-1			See clause 5 of this report					
	Test result(s)								
	Orientation			Length			Width		
	Test sample			1	2	3	1	2	3
	Ignition of the sample			Yes	Yes	Yes	Yes	Yes	Yes
	Flame tip reached 150 mm above the application point			No	No	No	No	No	No
	Duration after application when the flame tip reached the 150 mm above the application point (s)			N/A	N/A	N/A	N/A	N/A	N/A
	Extent of damaged area, length (mm)			35	34	27	22	24	25
	Extent of damaged area, width (mm)			12	12	10	10	10	11
Material melts			Yes	Yes	Yes	Yes	Yes	Yes	
Shrinks away from flame without being ignited			No	No	No	No	No	No	
After glowing			No	No	No	No	No	No	
Flaming droplets/particles which caused ignition of filter paper			No	No	No	No	No	No	

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Clause Deel	Requirements - Tests / Vereisten - Tests	Measuring results – Remarks Meetresultaten – Opmerkingen	Result Resultaat
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3	Determination of the burning behaviour using a radiant heat source <i>EN ISO 9239-1:2010^a</i>						
	Date of testing		2025-03-06 & 2025-03-17				
	Pre-conditioning, climate		23 ± 2°C and 50 ± 4% relative humidity				
	Pre-conditioning, duration		≥ 48 h & until constant mass is achieved				
	Description of substrate		Fibre cement board, thickness 8 ± 2 mm, density 1800 ± 200 kg/m ³ conforming to EN 13238:2010				
	Fixing method		None, samples are tested loose laid on the substrate				
	Precision of the test method		The measurement uncertainty for this test strongly depends on the products that are tested, based on that influence a measurement uncertainty for the method can't be determined. Information on the influence of the different products can be found in ISO 9239-1:2010 Annex B.				
	Requirements according EN 13501-1		See clause 5 of this report				
	Test result(s)						
	Test sample		1	2	3	4	Mean
	Orientation (Length: ↑ , Width: T)		↑	T	T	T	T
	Flame spread (cm)		47	47	43	47	46
	Critical Heat Flux (CHF) (kW/m ²)		4.3	4.3	4.9	4.3	4.5
	Maximum light attenuation (%)		100	100	100	100	100
Smoke production (%.min)		2503	2547	2350	2561	2486	
Observed significant phenomena during the test: Specimen 1, 2, 3 and 4: Melting / Sustained Flaming / Blistering. Specimen 1, 2, 3 and 4: Extinguished manually after the end of the test duration.							

4	Classification of burning behaviour <i>EN 13501-1:2018^a</i>				
	The product, Hollywood , in relation to its reaction to fire behaviour is classified:				C_{fl}
	The additional classification in relation to smoke production is:				s2
	Reaction to fire classification : C_{fl} – s2				
	Field of application - As a floor covering in accordance with the nominal product parameters given on page 3. - On end use substrates of classes A1 and A2-s1,d0 according to EN 13238:2010. - Any way of fixation, glued down or loose laid.				
	Statements - This document does not represent type approval or certification of the product. - The test results only relate to the behaviour of the test specimens of the examined product under the particular conditions of the test in laboratory conditions; they are not intended to be the sole criterion for assessing the potential fire hazard of the product in use. - The validity of this report will expire directly after alterations or modifications of the examined product (combination)(s) and/or the criteria.				

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Clause Deel	Requirements - Tests / Vereisten - Tests		Measuring results – Remarks Meetresultaten – Opmerkingen	Result Resultaat
5	Potential classes of reaction to fire performance for floorings EN 13501-1:2018 ^a			
	Class	Test method(s)	Classification criteria	Additional classifications
	A1 _{fl}	EN ISO 1182 ^{a2} and	$\Delta T \leq 30 \text{ °C}$; and $\Delta m \leq 50 \text{ %}$; and $t_f = 0$ (i.e. no sustained flaming)	-
		EN ISO 1716	$PCS \leq 2.0 \text{ MJ/kg}$ ^{a2} and $PCS \leq 2.0 \text{ MJ/m}^2$ ^b and $PCS \leq 1.4 \text{ MJ/m}^2$ ^c and $PCS \leq 2.0 \text{ MJ/kg}$ ^d	-
	A2 _{fl}	EN ISO 1182 ^{a2} or	$\Delta T \leq 50 \text{ °C}$ and $\Delta m \leq 50 \text{ %}$ and $t_f \leq 20 \text{ s}$	-
		EN ISO 1716 and	$PCS \leq 3.0 \text{ MJ/kg}$ ^{a2} and $PCS \leq 4.0 \text{ MJ/m}^2$ ^b and $PCS \leq 4.0 \text{ MJ/m}^2$ ^c and $PCS \leq 3.0 \text{ MJ/kg}$ ^d	-
		EN ISO 9239-1 ^e	$CHF^f \geq 8.0 \text{ kW/m}^2$	Smoke production ^g
	B _{fl}	EN ISO 9239-1 ^e and	$CHF^f \geq 8.0 \text{ kW/m}^2$	Smoke production ^g
		EN ISO 11925-2 ^h : Exposure = 15 s	$F_s \leq 150 \text{ mm}$ within 20 s	-
	C _{fl}	EN ISO 9239-1 ^e and	$CHF^f \geq 4.5 \text{ kW/m}^2$	Smoke production ^g
		EN ISO 11925-2 ^h : Exposure = 15 s	$F_s \leq 150 \text{ mm}$ within 20 s	-
	D _{fl}	EN ISO 9239-1 ^e and	$CHF^f \geq 3.0 \text{ kW/m}^2$	Smoke production ^g
		EN ISO 11925-2 ^h : Exposure = 15 s	$F_s \leq 150 \text{ mm}$ within 20 s	-
	E _{fl}	EN ISO 11925-2 ^h : Exposure = 15 s	$F_s \leq 150 \text{ mm}$ within 20 s	-
	F _{fl}	EN ISO 11925-2 ^h : Exposure = 15 s	$F_s > 150 \text{ mm}$ within 20 s	-
	^{a2} For homogeneous products and substantial components of non-homogeneous products. ^b For any external non-substantial component of non-homogeneous products. ^c For any internal non-substantial component of non-homogeneous products. ^d For the product as a whole. ^e Test duration = 30 min. ^f Critical flux is defined as the radiant flux at which the flame extinguishes or the radiant flux after a test period of 30 min, whichever is the lower (i.e. the flux corresponding with the furthest extent of spread of flame). ^g s1 = Smoke $\leq 750 \text{ % minutes}$; s2 = not s1. ^h Under conditions of surface flame attack and, if appropriate to the end use application of the product, edge flame attack.			

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page 1

Flooring Radiant Panel Single Specimen Report

Standard : EN ISO 9239-1:2010
Laboratory : TÜV Rheinland Nederland B.V.
Sponsor : 89225246
Date of test : Mar. 06 2025

~~2~~ Specimen description : MT25-225246.02
Test name : # prod 1
File name : D:\FRPFILES\25030020.CSV
Test number in series : 4

Flux calibration file name : C:\FRPSOFT2.9A\CALIB\FLX24004.CSV

~~1~~ Thickness (mm) : ~~25.7~~ 23.6
~~1~~ Density (kg/m³) : ~~620~~ 857

Test duration : 30 minutes (1800 s)
Substrate used? : Yes
Substrate : Calcium silicate
Fixing method : none
Conditioned? : Yes
Conditioning temp. (°C) : 23
Conditioning RH (%) : 50

Test Results

Time to ignition : 2 minutes (120 s)
Time to flameout : 30 minutes (1800 s)
Extent of burning (mm) : 470
Critical flux at extinguishment (kW/m²) : 4.27
HF-10 (kW/m²) : 5.19
HF-20 (kW/m²) : 4.87
HF-30 (kW/m²) : 4.27
Flame spread at 10 minutes (mm) : 410
Flame spread at 20 minutes (mm) : 430
Flame spread at 30 minutes (mm) : 470
Peak light attenuation (%) : 99.98
Time to peak light attenuation : 7 minutes 51 seconds (471 s)
Total integrated smoke (%.min) : 2502.58

Potential classification : D(f1)
Smoke production classification : s2

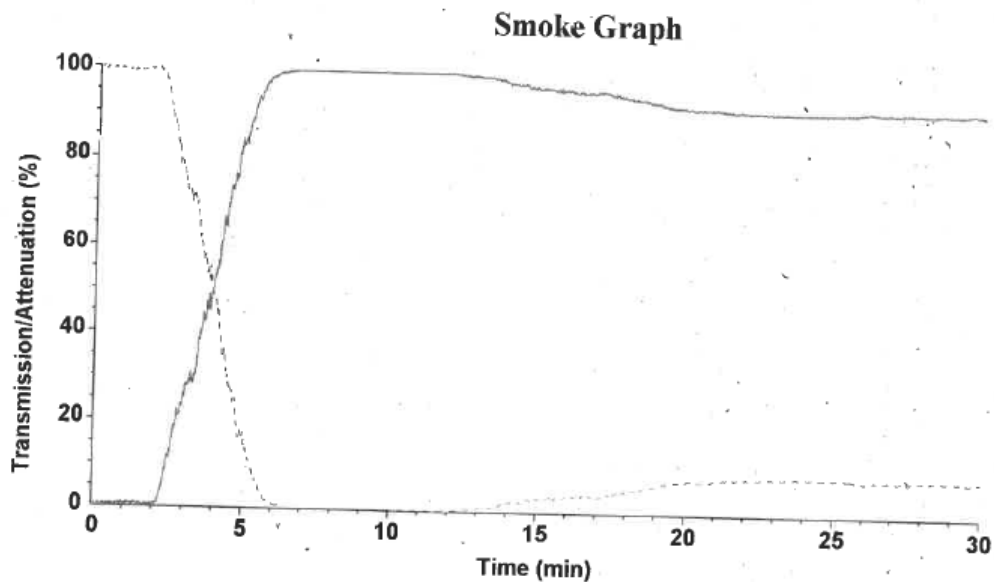
These results relate only to the behaviour of the specimens of the product under the particular conditions of the test; they are not intended to be the sole criterion for assessing the potential fire hazard of the product in use.

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Test name : # prod 1
File name : D:\FRPFILES\25030020.CSV

Rake Results

Position (mm)	Time (s)	Flux (kW/m ²)	Qsb (MJ/m ²)	Position (mm)	Time (s)	Flux (kW/m ²)	Qsb (MJ/m ²)
60	193	12.1	2.343	510	-	3.8	-
110	263	11.1	2.926	560	-	3.1	-
160	315	10.2	3.221	610	-	2.5	-
210	360	9.2	3.313	660	-	2.2	-
260	408	8.1	3.311	710	-	2.0	-
310	423	7.1	2.997	760	-	1.8	-
360	469	6.1	2.859	810	-	1.6	-
410	616	5.2	3.194	860	-	1.4	-
460	1626	4.4	7.150	910	-	1.2	-

Comments

Specimen was extinguished manually after end of test.

These results relate only to the behaviour of the specimens of the 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.

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Flooring Radiant Panel Single Specimen Report

Standard : EN ISO 9239-1:2010
Laboratory : TÜV Rheinland Nederland B.V.
Sponsor : 89225246
Date of test : Mar. 17 2025

Specimen description : MT25-225246.02
Test name : # cross 2
File name : D:\FRPFILES\25030037.CSV
Test number in series : 4

Flux calibration file name : C:\FRPSOFT2.9A\CALIB\FLX24004.CSV

Thickness (mm) : 23.6
Density (kg/m³) : 857

Test duration : 30 minutes (1800 s)
Substrate used? : Yes
Substrate : Calcium silicate
Fixing method : none
Conditioned? : Yes
Conditioning temp. (°C) : 23
Conditioning RH (%) : 50

Test Results

Time to ignition : 2 minutes 03 seconds (123 s)
Time to flameout : 30 minutes (1800 s)
Extent of burning (mm) : 470
Critical flux at extinguishment (kW/m²) : 4.27
HF-10 (kW/m²) : 4.55
HF-20 (kW/m²) : 4.27
HF-30 (kW/m²) : 4.27
Flame spread at 10 minutes (mm) : 450
Flame spread at 20 minutes (mm) : 470
Flame spread at 30 minutes (mm) : 470
Peak light attenuation (%) : 100
Time to peak light attenuation : 9 minutes 15 seconds (555 s)
Total integrated smoke (%.min) : 2547.04

Potential classification : D(f1)
Smoke production classification : s2

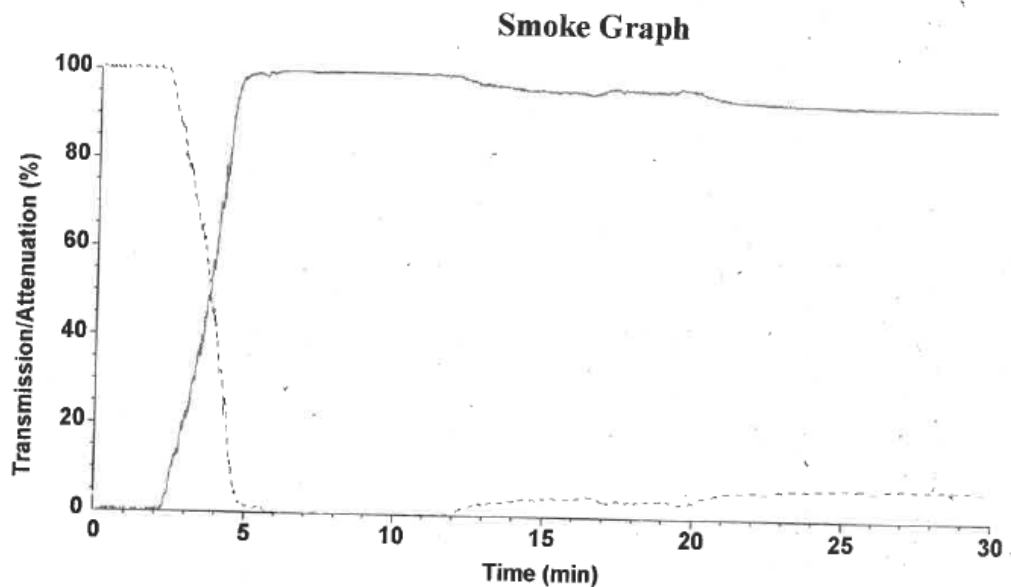
These results relate only to the behaviour of the specimens of the product under the particular conditions of the test; they are not intended to be the sole criterion for assessing the potential fire hazard of the product in use.

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Test name : # cross 2

File name : D:\FRPFILES\25030037.CSV

Rake Results

Position (mm)	Time (s)	Flux (kW/m ²)	Qsb (MJ/m ²)	Position (mm)	Time (s)	Flux (kW/m ²)	Qsb (MJ/m ²)
60	200	12.1	2.428	510	-	3.8	-
110	239	11.1	2.659	560	-	3.1	-
160	267	10.2	2.730	610	-	2.5	-
210	295	9.2	2.715	660	-	2.2	-
260	312	8.1	2.532	710	-	2.0	-
310	347	7.1	2.459	760	-	1.8	-
360	409	6.1	2.493	810	-	1.6	-
410	502	5.2	2.603	860	-	1.4	-
460	737	4.4	3.241	910	-	1.2	-

Comments

Specimen was extinguished manually after end of test.

These results relate only to the behaviour of the specimens of the 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.

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Flooring Radiant Panel Single Specimen Report

Standard : EN ISO 9239-1:2010
Laboratory : TÜV Rheinland Nederland B.V.
Sponsor : 89225246
Date of test : Mar. 17 2025

Specimen description : MT25-225246.02
Test name : # cross 3
File name : D:\FRPFILES\25030038.CSV
Test number in series : 4

Flux calibration file name : C:\FRPSOFT2.9A\CALIB\FLX24004.CSV

Thickness (mm) : 23.6
Density (kg/m³) : 857

Test duration : 30 minutes (1800 s)
Substrate used? : Yes
Substrate : Calcium silicate
Fixing method : none
Conditioned? : Yes
Conditioning temp. (°C) : 23
Conditioning RH (%) : 50

Test Results

Time to ignition : 2 minutes 02 seconds (122 s)
Time to flameout : 30 minutes (1800 s)
Extent of burning (mm) : 430
Critical flux at extinguishment (kW/m²) : 4.87
HF-10 (kW/m²) : 5.55
HF-20 (kW/m²) : 5.03
HF-30 (kW/m²) : 4.87
Flame spread at 10 minutes (mm) : 390
Flame spread at 20 minutes (mm) : 420
Flame spread at 30 minutes (mm) : 430
Peak light attenuation (%) : 99.95
Time to peak light attenuation : 8 minutes 58 seconds (538 s)
Total integrated smoke (%.min) : 2350.08

Potential classification : C(f)
Smoke production classification : s2

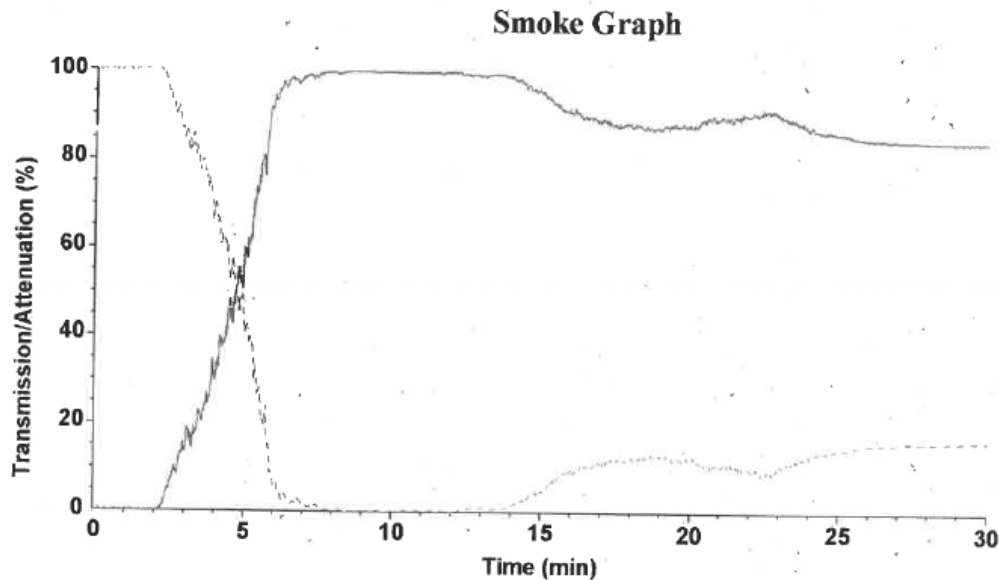
These results relate only to the behaviour of the specimens of the product under the particular conditions of the test; they are not intended to be the sole criterion for assessing the potential fire hazard of the product in use.

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page 2



Test name : # cross 3

File name : D:\FRPFILES\25030038.CSV

Rake Results

Position (mm)	Time (s)	Flux (kW/m ²)	Qsb (MJ/m ²)	Position (mm)	Time (s)	Flux (kW/m ²)	Qsb (MJ/m ²)
60	233	12.1	2.828	510	-	3.8	-
110	314	11.1	3.494	560	-	3.1	-
160	346	10.2	3.538	610	-	2.5	-
210	420	9.2	3.866	660	-	2.2	-
260	429	8.1	3.481	710	-	2.0	-
310	480	7.1	3.401	760	-	1.8	-
360	534	6.1	3.255	810	-	1.6	-
410	786	5.2	4.075	860	-	1.4	-
460	-	4.4	-	910	-	1.2	-

Comments

Specimen was extinguished manually after end of test.

These results relate only to the behaviour of the specimens of the 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.

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page 1

Flooring Radiant Panel Single Specimen Report

Standard : EN ISO 9239-1:2010
Laboratory : TÜV Rheinland Nederland B.V.
Sponsor : 89225246
Date of test : Mar. 17 2025

Specimen description : MT25-225246.02
Test name : # cross 4
File name : D:\FRPFILES\25030039.CSV
Test number in series : 4

Flux calibration file name : C:\FRPSOFT2.9A\CALIB\FLX24004.CSV

Thickness (mm) : 23.6
Density (kg/m³) : 857

Test duration : 30 minutes (1800 s)
Substrate used? : Yes
Substrate : Calcium silicate
Fixing method : none
Conditioned? : Yes
Conditioning temp. (°C) : 23
Conditioning RH (%) : 50

Test Results

Time to ignition : 2 minutes (120 s)
Time to flameout : 30 minutes (1800 s)
Extent of burning (mm) : 470
Critical flux at extinguishment (kW/m²) : 4.27
HF-10 (kW/m²) : 5.19
HF-20 (kW/m²) : 4.27
HF-30 (kW/m²) : 4.27
Flame spread at 10 minutes (mm) : 410
Flame spread at 20 minutes (mm) : 470
Flame spread at 30 minutes (mm) : 470
Peak light attenuation (%) : 100.02
Time to peak light attenuation : 11 minutes 24 seconds (684 s)
Total integrated smoke (%.min) : 2560.58

Potential classification : D(fl)
Smoke production classification : s2

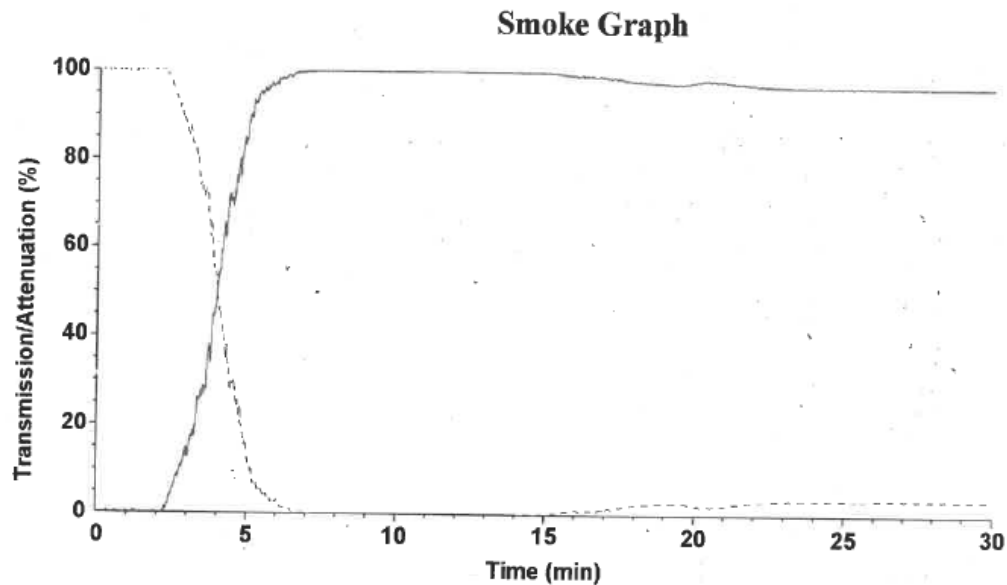
These results relate only to the behaviour of the specimens of the product under the particular conditions of the test; they are not intended to be the sole criterion for assessing the potential fire hazard of the product in use.

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page 2



Test name : # cross 4

File name : D:\FRPFILES\25030039.CSV

Rake Results

Position (mm)	Time (s)	Flux (kW/m ²)	Qsb (MJ/m ²)	Position (mm)	Time (s)	Flux (kW/m ²)	Qsb (MJ/m ²)
60	211	12.1	2.561	510	-	3.8	-
110	261	11.1	2.904	560	-	3.1	-
160	302	10.2	3.088	610	-	2.5	-
210	325	9.2	2.991	660	-	2.2	-
260	354	8.1	2.873	710	-	2.0	-
310	411	7.1	2.912	760	-	1.8	-
360	470	6.1	2.865	810	-	1.6	-
410	626	5.2	3.246	860	-	1.4	-
460	806	4.4	3.544	910	-	1.2	-

Comments

Specimen was extinguished manually after end of test.

These results relate only to the behaviour of the specimens of the 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.