

## Laboratory for Fire Safety EN 13823 - SBI - Test results

program version v4.21 03-01-23 JM

### Project data

Project no: Y3366\_20250319#01  
Print date: 19-3-2025 11:31:59  
Test date: 19-03-2025  
Technician: DDe

Measured data read from file(s):  
Y3366\_20250319#01.txt  
20250319.spr

### Description of product and mounting

Identification sample: Y3366\_20250319#01  
Test specimen no.: #01  
Substrate: 9 mm Wettershield  
Mounting:  
Seams/joints:

### Description of specimen tested

Verona open profile  
Vertical

### Recorded events during the test

Surface flash: N  
Falling of parts of the specimen: N  
Smoke not entering the hood: N  
Mutual fixing of backing boards fails: N  
Conditions justify early termination: N  
Distortion or collapse of the specimen: N  
Any other additional events: none

### Visual observations during the test

Lateral flame spread till edge of specimen: N  
Flaming droplets/particles  $\leq 10$  s: N  
Flaming droplets/particles  $> 10$  s: N

### Results

Figra 02: 525,02 W/s at:351 s  
Figra 04: 525,02 W/s at:351 s  
THR600: 8,26 MJ  
Smogra: 265,18 m2/s2 at:336 s  
TSP600: 654,54 m2

The test specimen complies with classes

Fire behaviour: **D**  
Smoke production: **s3**  
Falling droplets: **d0**

*Classification in accordance with EN 13501-1 requires:  
Class A2: 3 SBI-tests and EN ISO 1716 or EN ISO 1182  
Class B/C/D: 3 SBI-tests and EN ISO 11925-2*

### Classification limits

Fire:	A2/B	C	D
Figra0.2:	$\leq 120$		
Figra0.4:		$\leq 250$	$\leq 750$
THR600:	$\leq 7,5$	$\leq 15$	
LFS:	<edge	<edge	
Smoke:	s1	s2	s3
Smogra:	$\leq 30$	$\leq 180$	not s1/s2
TSP600:	$\leq 50$	$\leq 200$	not s1/s2
Drop./Part.:	d0	d1	d2
flaming droplets/particles	none	$\leq 10$ s	not d0/d1

## Laboratory for Fire Safety EN 13823 - SBI - Heat release

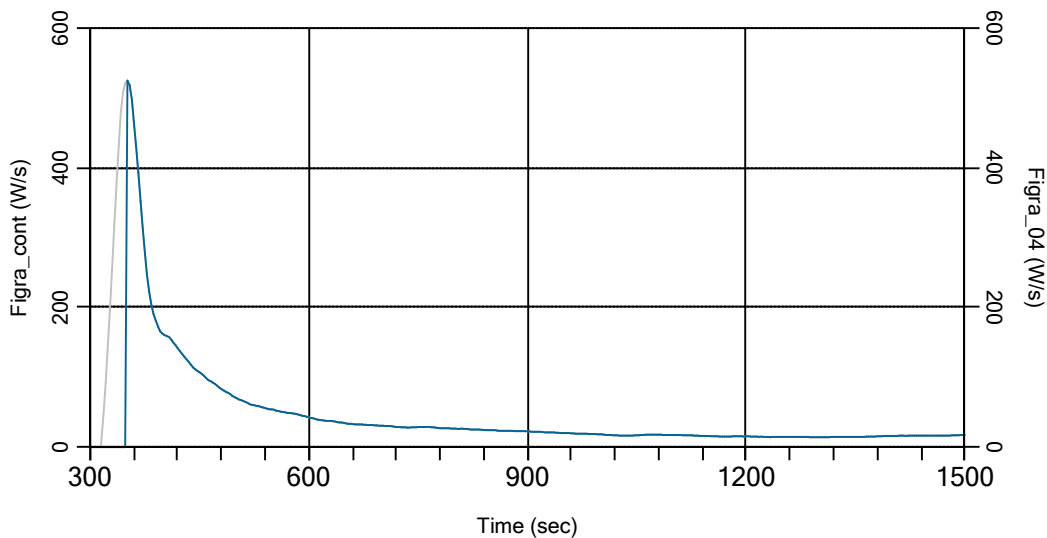
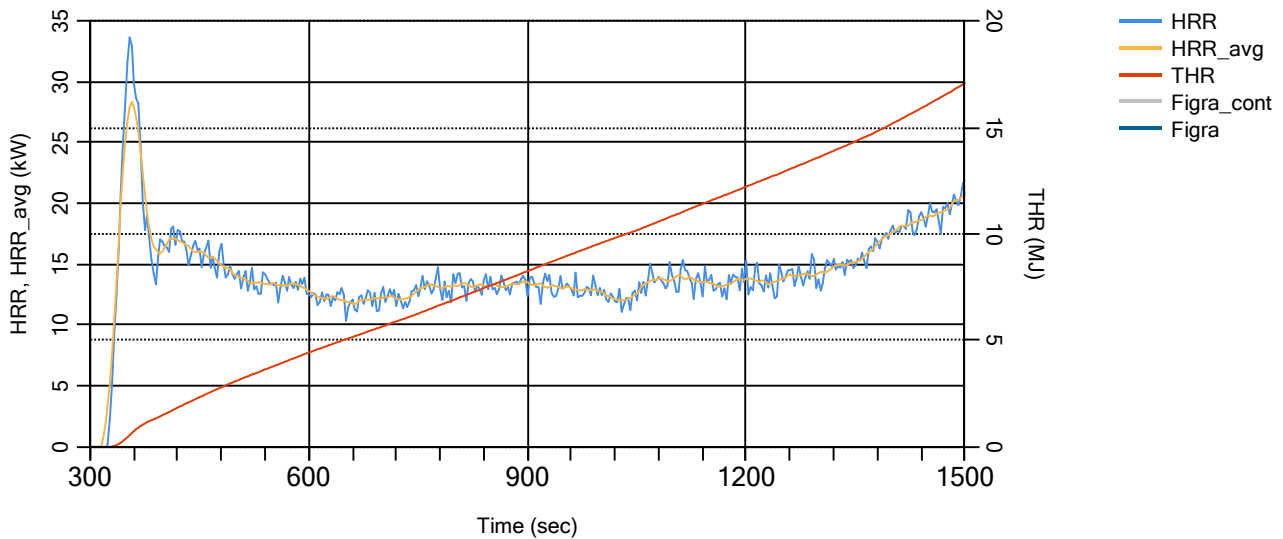
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### Heat release and Figra



## Laboratory for Fire Safety EN 13823 - SBI - Smoke production

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### Project data

Project no: Y3366\_20250319#01  
Print date: 19-3-2025 11:32:00  
Test date: 19-03-2025  
Technician: DDe

Measured data read from file(s):  
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20250319.spr

### Smoke production and Smogra

