

# Laboratory for Fire Safety

## EN 13823 - SBI - Test results

program version v4.21 03-01-23 JM

### Project data

Project no: Y3366\_20250319#02  
 Print date: 19-3-2025 12:15:49  
 Test date: 19-03-2025  
 Technician: DDe

Measured data read from file(s):  
 Y3366\_20250319#02.txt  
 20250319.spr

### Description of product and mounting

Identification sample: Y3366\_20250319#02  
 Test specimen no.: #02  
 Substrate: 9 mm Wettershield  
 Mounting:  
 Seams/joints:

### Description of specimen tested

Aura  
 Horizontaal

### 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 <= 10 s: N  
 Flaming droplets/particles > 10 s: N

### Results

Figra 02: 20,02 W/s at:1494 s  
 Figra 04: 20,02 W/s at:1494 s  
 THR600: 0,82 MJ  
 Smogra: 10,60 m2/s2 at:1392 s  
 TSP600: 95,59 m2

The test specimen complies with classes

Fire behaviour: **B**  
 Smoke production: **s2**  
 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:	<=120		
Figra0.4:		<=250	<=750
THR600:	<=7,5	<=15	
LFS:	<edge	<edge	
Smoke:	s1	s2	s3
Smogra:	<=30	<=180	not s1/s2
TSP600:	<=50	<=200	not s1/s2
Drop./Part.:	d0	d1	d2
flaming droplets/particles	none	<=10 s	not d0/d1

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

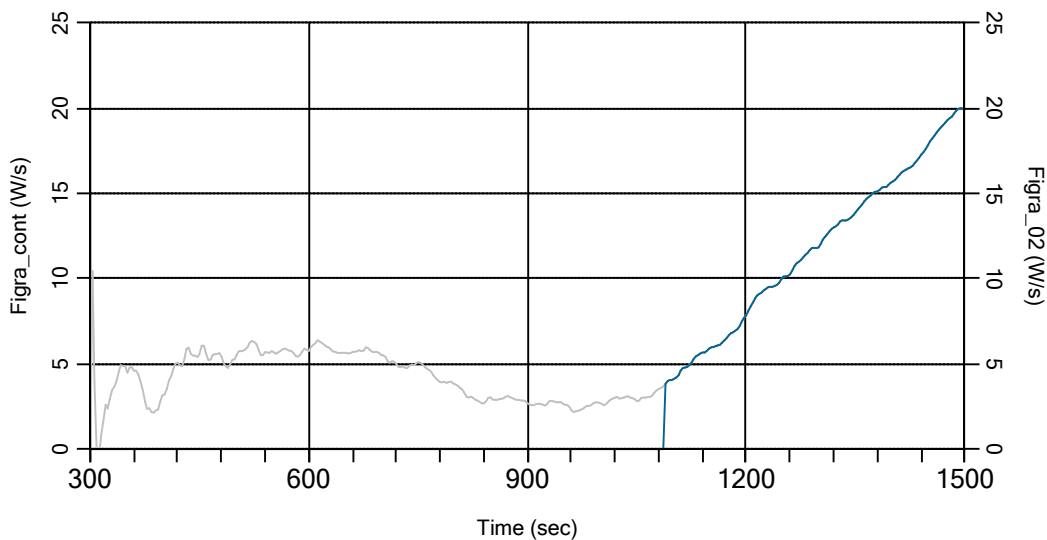
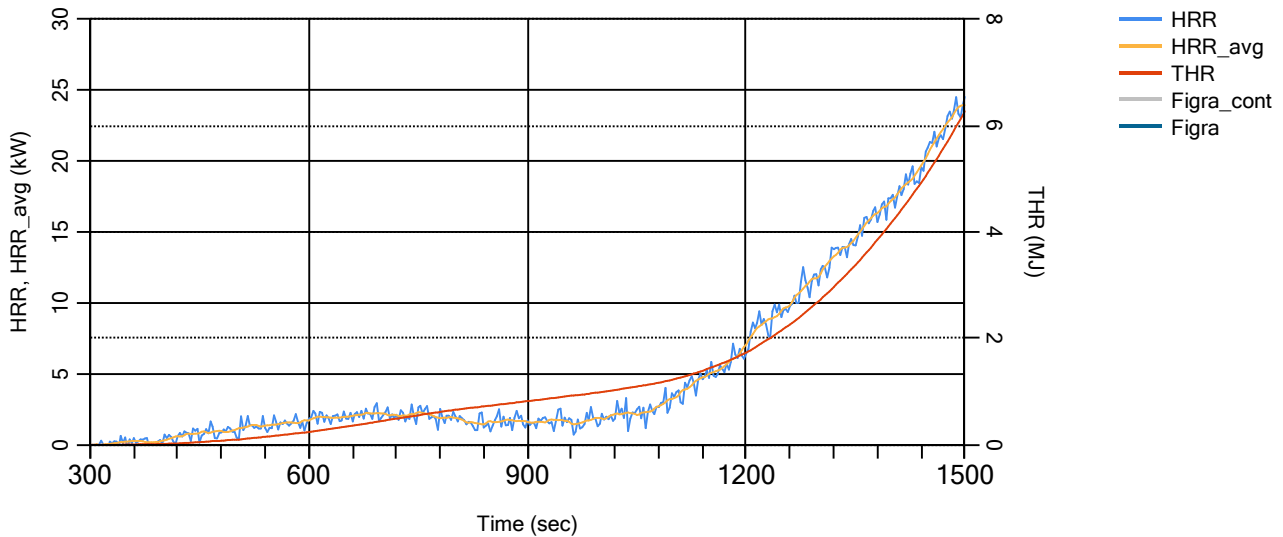
program version v4.21 03-01-23 JM

### Project data

Project no: Y3366\_20250319#02  
Print date: 19-3-2025 12:15:50  
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Measured data read from file(s):  
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20250319.spr

### Heat release and Figra



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

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### Project data

Project no: Y3366\_20250319#02  
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Technician: DDe

Measured data read from file(s):  
Y3366\_20250319#02.txt  
20250319.spr

### Smoke production and Smogra

