

Laboratory for Fire Safety EN 13823 - SBI - Test results

program version v4.22 03-12-25 JM

Project data

Project no: Y3366#AuraV01_20260526
Print date: 3-6-2026 09:05:13
Test date: 26-05-2026
Technician: DDe

Measured data read from file(s):
Y3366#AuraV01_20260526.txt
20260526.spr

Description of product and mounting

Identification sample: Aura
Test specimen no.: #01
Substrate: CaSi
Mounting: End-use
Seams/joints: Vertical

Description of specimen tested

Harvest
Horizontal
Colour: Glory Sand
Screw system

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: 74,77 W/s at: 1500 s
Figra 04: 74,77 W/s at: 1500 s
THR600: 3,66 MJ
Smogra: 50,00 m2/s2 at: 1512 s
TSP600: 281,22 m2

The test specimen complies with classes

Fire behaviour: **B**
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:	<=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

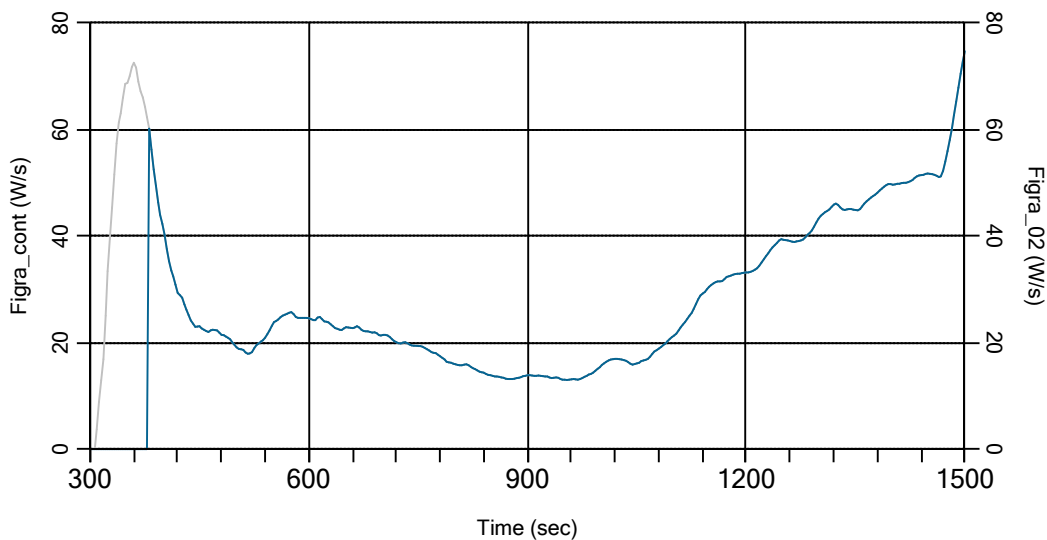
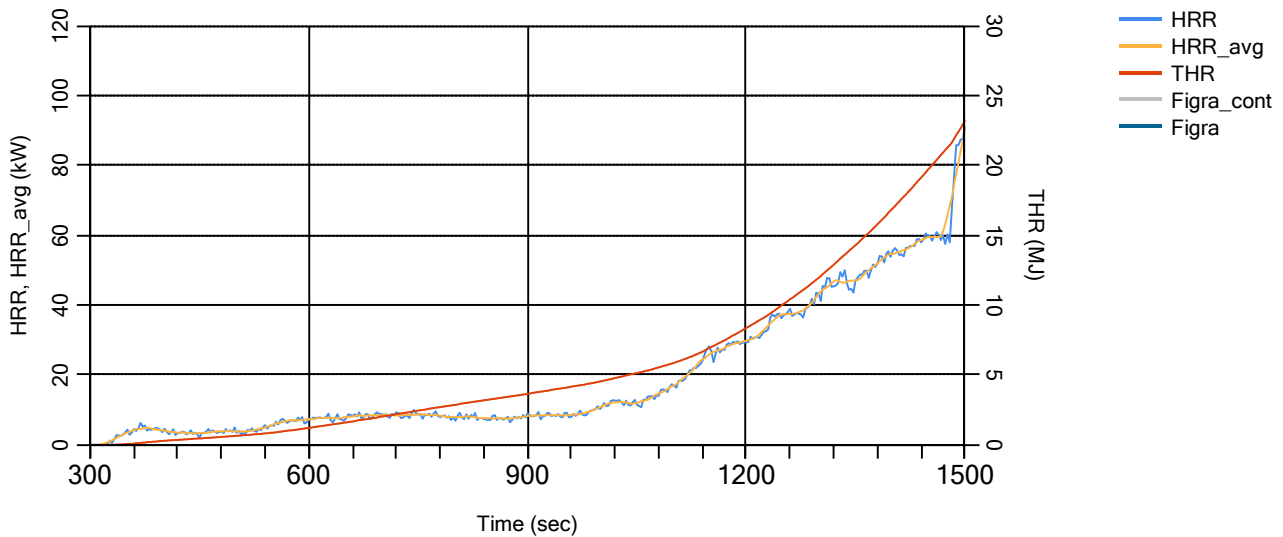
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Heat release and Figra



Laboratory for Fire Safety EN 13823 - SBI - Smoke production

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Smoke production and Smogra

