Laboratory for Fire Safety
EN 13823 - SBI - Test results

program version v4.22 03-12-25 JM

PRELIMINARY CLASSIFICATION - NOT INTENDED FOR PUBLICATION

Project data

Project no:	Y3366#ForestV01_20260526
Print date:	3-6-2026 09:05:45
Test date:	26-05-2026
Technician:	DDe

Measured data read from file(s):
Y3366#ForestV01_20260526.txt
20260526.spr

Description of product and mounting

Identification sample:	Forest
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:	60,10 W/s	at: 1500 s
Figra 04:	60,10 W/s	at: 1500 s
THR600:	3,79 MJ	
Smogra:	61,00 m2/s2	at: 1446 s
TSP600:	453,19 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

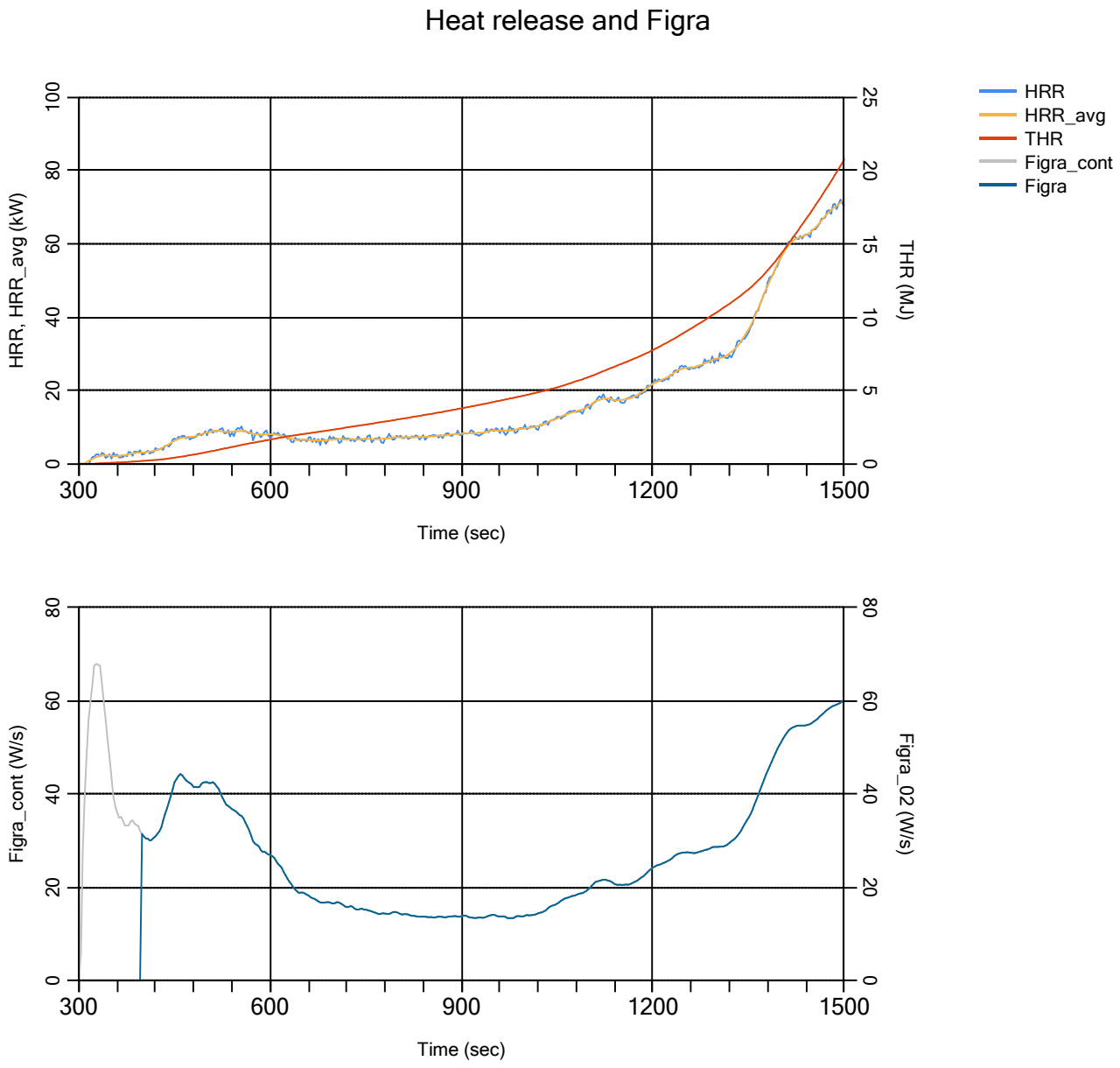
Laboratory for Fire Safety
EN 13823 - SBI - Heat release

program version v4.22 03-12-25 JM

Project data

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Print date:	3-6-2026 09:05:45
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Technician:	DDe

Measured data read from file(s):
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20260526.spr



Laboratory for Fire Safety
EN 13823 - SBI - Smoke production

program version v4.22 03-12-25 JM

Project data

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Technician:	DDe

Measured data read from file(s):
Y3366#ForestV01_20260526.txt
20260526.spr

