

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

program version v4.22 03-12-25 JM

### Project data

Project no: Y3366#HarmonyH01\_20260526  
Print date: 3-6-2026 09:04:24  
Test date: 26-05-2026  
Technician: DDe

Measured data read from file(s):  
Y3366#HarmonyH01\_20260526.txt  
20260526.spr

### Description of product and mounting

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

### 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

Figma 02: 45,16 W/s at: 1332 s  
Figma 04: 45,16 W/s at: 1332 s  
THR600: 3,39 MJ  
Smogra: 40,96 m2/s2 at: 1266 s  
TSP600: 388,43 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         |
|----------------------------|-------|-------|-----------|
| Figma0.2:                  | ≤120  |       |           |
| Figma0.4:                  |       | ≤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

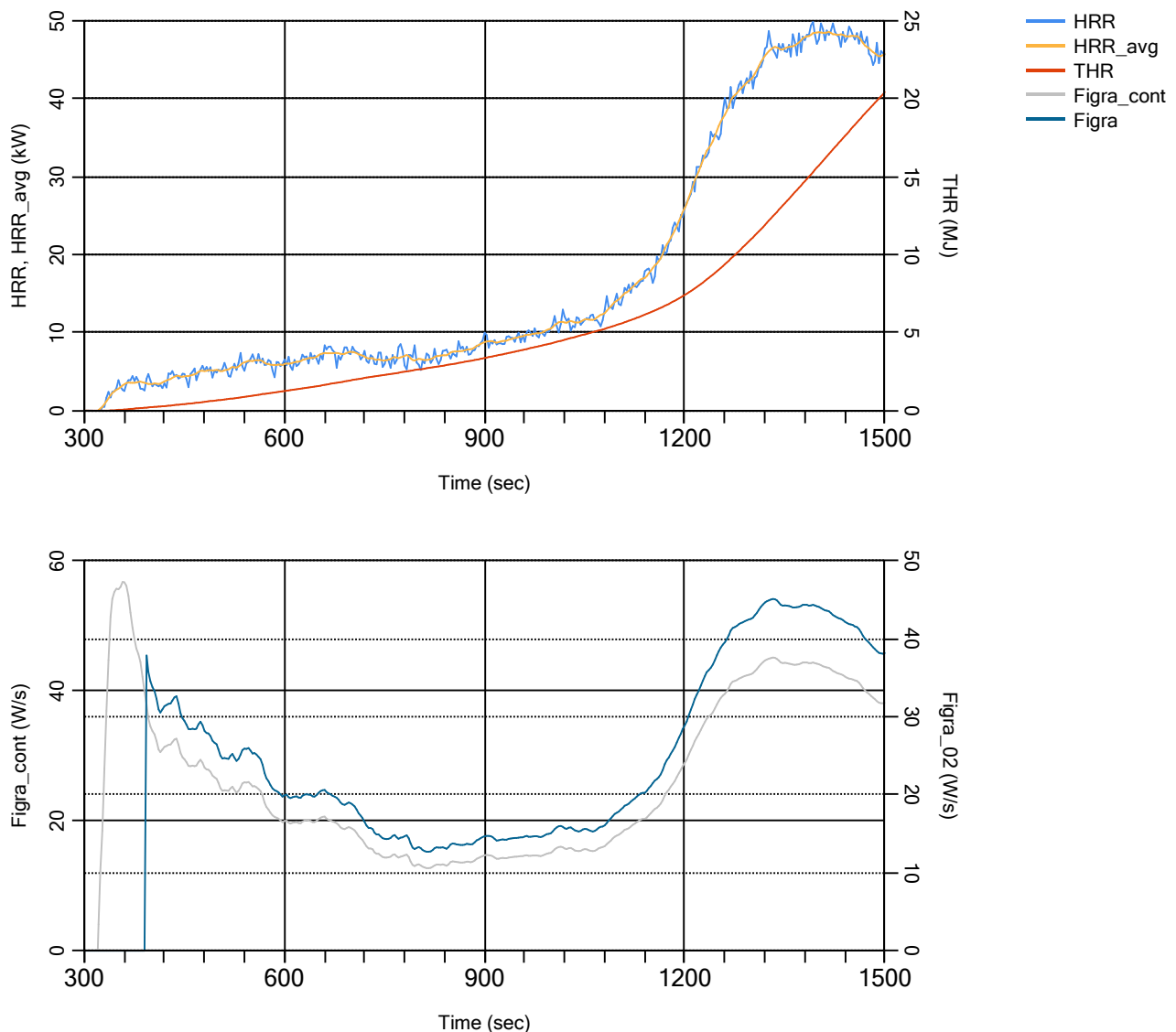
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### Heat release and Figra



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

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### Smoke production and Smogra

