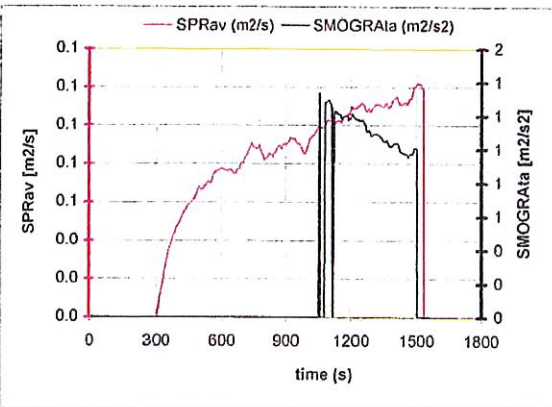
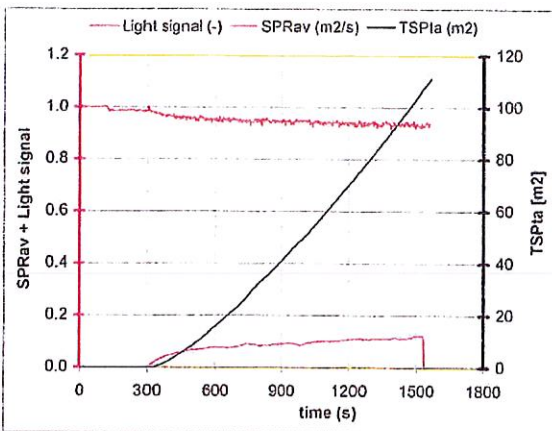
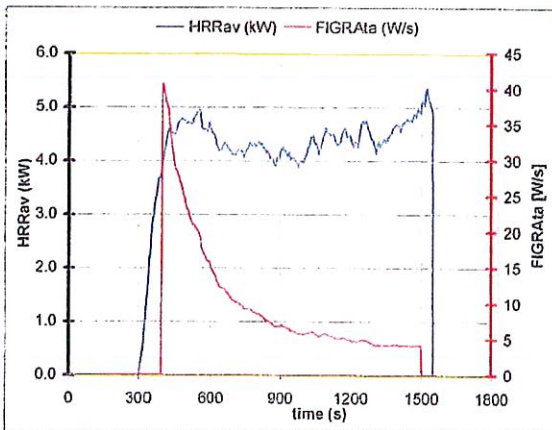
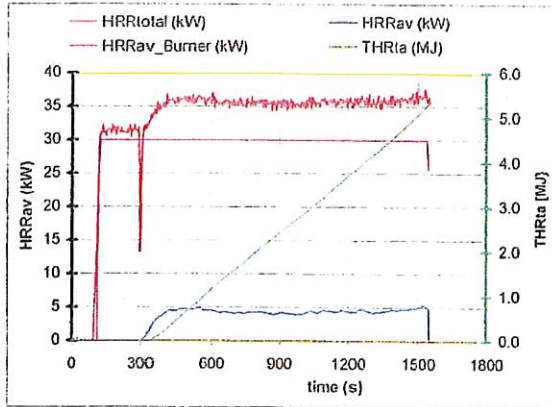


## Construction products



### General information

Date of test: 28-03-13  
 Report identification number: 2013Holzprof  
 Operator: SRW  
 Sponsor: Holzprof  
 Manufacturer: 0

### Specifications

Material: Thermisch behandeld hout

### Full description

thermisch behandeld hout 18mm dik, 97mm breedte

### Mass per unit area (kg/m<sup>2</sup>)

0

### Thickness (mm)

0

### Fire attack

Start of test (s): 300  
 Burner exposure time (s): 1440  
 Burner exposure level (kW): 31.239

### Test conditions

Mounting: mechanically  
 Substrate: nvt  
 Fixing: Mechanically  
 Standard used: EN 13823

### Results

| Heat release related          | t-10 (s) | t(s) |
|-------------------------------|----------|------|
| Peak HRRav (t<10+600s) [kW]:  | 5.0      | 252  |
| Peak HRRav (t<10+900s) [kW]:  | 5.0      | 252  |
| Peak HRRav (t<10+1200s) [kW]: | 5.0      | 1200 |
| Peak HRRav (t>10) [kW]:       | 5.0      | 1200 |

|                           |     |             |
|---------------------------|-----|-------------|
| THRta (t0_t0+600s) [MJ]:  | 2.4 | B or better |
| THRta (t0_t0+900s) [MJ]:  | 3.7 |             |
| THRta (t0_t0+1200s) [MJ]: | 5.1 |             |

Figra0.2 [W/s]: 40.67 B or better

Figra0.4 [W/s]: 32.00

Figra [W/s]: 40.67 B or better

Corresponding HRRav [kW]: 4.00 99 399

t(HRRav >= 3[kW]): 63 363

(HRRav [kW] + t(THRta) [s]) >= 0.2 MJ: 3.9 96 396

(HRRav [kW] + t(THRta) [s]) >= 0.4 MJ: 4.5 141 441

Estimated class: B or better

### Smoke production related

Peak SPRav (t<10+600s) [m<sup>2</sup>/s]: 0.09 441 741

Peak SPRav (t<10+900s) [m<sup>2</sup>/s]: 0.11 900 1200

Peak SPRav (t<10+1200s) [m<sup>2</sup>/s]: 0.12 1200 1500

Peak SPRav (t>10) [m<sup>2</sup>/s]: 0.1 1200 1500

TSPIa (t0\_t0+600s) [m<sup>2</sup>]: 41.2 s1

TSPIa (t0\_t0+900s) [m<sup>2</sup>]: 70.3

TSPIa (t0\_t0+1200s) [m<sup>2</sup>]: 103.6

Smogra max [m<sup>2</sup>/s<sup>2</sup>]: 1.34 s1

at SPRav [m<sup>2</sup>/s]: 0.10 753 1053

t(SPRav >= 0.1[m<sup>2</sup>/s]): 753 1053

t(TSPIa >= 6[m<sup>2</sup>]): 156 456

Estimated class: s1

### Lateral flame spread related:

Till long wing end of specimen: No No = not to long wing end of specimen

Estimated class: B or better

### Flaming droplets/particles related:

FDP (t0\_t0+600s): No No = no flaming droplets/particles

FDP (t0\_t0+600s) F>10s: No No = no flaming droplets/particles F>10s

(not d0 or d1)

Estimated class: d0