

# Caspian launches a High Pressure Fire Retardant Scaffold Board Treatment

Burnblock treated scaffold boards have been tested and certified to the highest European fire standards in accordance with EN 13501-1:2018.

## Species: Spruce

Euro Class: **B**

Smoke Rating: **s1**

Flaming Droplets: **d0**

- The UK's first **natural** and **non-toxic** fire retardant solution
- Tested and approved on **BS 2482** graded scaffold board specification at 38mm x 225mm, including end banding
- Classification reports provided with each treatment
- **Non corrosive** meaning there is no negative effect on the strength, appearance or lifespan of end banding
- Burnblock treated scaffold boards can be disposed of as **non-hazardous**, minimising removal costs at end of life
- The service life of Burnblock® fire retardant treated wood and wood-products, is comparative to the lifespan of the timber and will diminish at the same rate as the timber itself



# A brief guide to European standard EN 13501-1:2018 – Fire Classification of Construction Products and Building Elements

| Euro Class according to EN 13501-1:2018 | Definition to Reaction to Fire                               | Materials                            |
|---|--|--------------------------------------|
| A1                                      | Non combustible materials                                    | Concrete/steel                       |
| A2                                      |  |                                      |
| B                                       | Combustible materials with very limited contribution to fire | Treated wood and wood based products |
| C                                       | Combustible materials with limited contribution to fire      |                                      |
| D                                       | Combustible materials with medium contribution to fire       | Wood in its natural untreated form   |
| E                                       | Combustible materials with high contribution to fire         |                                      |

| Euro Class according to EN 13501-1:2018 | Definition of Smoke Production | Euro Class according to EN 13501-1:2018 | Definition of Flaming Droplet Production |
|---|--------------------------------|---|--|
| s1                                      | Little or no smoke             | d0                                      | Little or no flaming droplets            |
| s2                                      | Medium volumes of smoke        | d1                                      | Medium amounts of flaming droplets       |
| s3                                      | Large volumes of smoke         | d2                                      | Large amounts of flaming droplets        |

Burnblock treated scaffold boards have achieved the highest European fire rating awarded on wood and wood based products; **Euro Class B** and has attained an **s1 smoke rating**; significantly reducing the volume of smoke emitted which is the primary cause of death in fires.

