

FireWright

Fire Retardant Timber Treatment



FireWright
WJ Group

WJ GROUP - Over a decade of certified timber engineering and treatment.

Scaffold Boards



www.firewright.co.uk

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TIMBER
DEVELOPMENT
UK
MEMBER



BURNBLOCK®



Part of...
Group

WJ GROUP - Over a decade of certified timber engineering and treatment.

Fire Retardant Scaffold Boards

WJ FireWright have tested and certified scaffold boards to the highest European fire standards in accordance with EN 13501-1: 2018

WJ FireWright High Pressure Fire Retardant Scaffold Board Treatment

Tested and approved on BS 2482 graded scaffold board specification at 38mm x 225mm, including end banding. The non-corrosive nature of FireWright has no negative effect on the strength, appearance or lifespan of the end banding of treated scaffold boards. This also means the treated boards can be disposed of as non-hazardous, minimising removal costs at end of life.

Our treated scaffold boards have achieved B-s1,d0 - the highest European fire rating awarded on wood and wood-based products. The s1 smoke rating indicates little or no smoke is produced - smoke being the primary cause of death in fires.

- 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.
- FireWright treated scaffold boards can be disposed of as non-hazardous, minimising removal costs at end of life.
- The service life of our 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.

Scaffold Boards	
Species	Spruce
Thickness	38mm
Classification	B-s1,d0

FIGRA (Fire Growth Rate)
THR (Total Heat Release)

EN 13823	Parameter	Classification Criteria	WJ FireWright Scaffold Board Results Test Data (Mean)
Euroclass A2	FIGRA _{0.2MJ} (W/s) THR _{600s} (MJ)	FIGRA ≤ 120w/s THR 600s ≤ 7.5mJ	80 3.8
Euroclass B	FIGRA _{0.2MJ} (W/s) THR _{600s} (MJ)	FIGRA ≤ 120w/s THR 600s ≤ 7.5mJ	80 3.8

WJ FireWright & Burnblock®

Fire contribution	Class	Smoke Development	Class	Burning Droplets	Class
No contribution to fire	A1	Very limited emission of smoke / combustion gases (120)	S1	No burning droplets or particles must be emitted	d0
No flashover, very limited contribution to fire	A2				
No flashover	B	Medium emission of smoke / combustion gases (170)	S2	No burning droplets or particles may be released in limited quantities	d1
Flashover for 300kW ignition source	C				
Flashover after 120s for 100kW ignition source	D				
Flashover before 120s for 100kW ignition source	E	No restriction of smoke / combustion gases (>170)	S3	No requirement for restriction of burning droplets and particles	d2

Note: Third-party coatings or treatments may alter these classifications.



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