

# PTG Treatments

## Fire Retardants for Timber



### Classification Tables for Sentrin FRX and Sentrin FRI Treated Timber

#### Solid Timbers- Treated with Sentrin FRX for external applications

According to Classification BS EN 13501

According to Testing BS EN 13823 (SBI Test) & BS EN 13823

<i>Wood Species</i>	<i>Density Kg/M<sup>2</sup></i>	<i>Thickness</i>	<i>Air Gap</i>	<i>Reaction to Fire</i>
Western Red Cedar	330-390	17mm +	Yes 40mm	B-s2-d0
Larch	520-650	18mm +	Yes 40mm	B-s1-d0
Douglas Fir	500-540	18mm +	Yes 40mm	B-s1-d0
Frake	425-750	18mm +	Yes 40mm	B-s1-d0
Thermally Modified Softwood	350-480	18mm +	Yes 40mm	B-s2-d0
Sweet Chestnut	450-600	22mm +	Yes 40mm	B-s1-d0
Oak	500-750	19mm	Yes 38mm	B-s1-d0
Accoya	430-600	18mm +	Yes 40mm	B-s2-d0
Pine	450-600	18mm +	Yes 40mm	B-s2-d0
Spruce	350-550	18mm +	Yes 40mm	B-s2-d0

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## Fire Retardants for Timber



### Classification Tables for Sentrin FRX and Sentrin FRI Treated Timber

#### Solid Timbers- Treated with Sentrin FRI for internal applications

According to Classification BS EN 13501

According to Testing BS EN 13823 (SBI Test) & BS EN 13823

<i>Wood Species</i>	<i>Density Kg/M<sup>2</sup></i>	<i>Thickness</i>	<i>Air Gap</i>	<i>Reaction to Fire</i>
Softwood	450-500	18mm +	Yes 40mm	C-s2-d0
Softwood	350-600	18mm +	Yes 40mm	B-s2-d0

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### Classification Tables for Sentrin FRX and Sentrin FRI Treated Timber

#### Plywood- Treated with Sentrin FRI for internal applications

According to Classification BS EN 13501

According to Testing BS EN 13823 (SBI Test) & BS EN 13823

<i>Wood Species</i>	<i>Density Kg/M<sup>2</sup></i>	<i>Thickness</i>	<i>Air Gap</i>	<i>Reaction to Fire</i>
Hardwood	400-750	5.5mm	Yes 40mm	B-s1-d0
Hardwood	400-750	9mm	Yes 40mm	B-s1-d0
Hardwood	400-750	12mm	Yes 40mm	B-s1-d0
Hardwood	400-750	18mm	Yes 40mm	B-s1-d0
Softwood	400-750	12mm	Yes 40mm	B-s1-d0
Softwood	400-750	18mm	Yes 40mm	B-s1-d0
Eucalyptus	450-900	9mm	Yes 40mm	B-s1-d0
Eucalyptus	450-900	12mm	Yes 40mm	B-s1-d0
Eucalyptus	450-900	18mm	Yes 40mm	B-s1-d0

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