



## MORALT XTREME DOOR BLANKS

**FireSmoke Xtreme**  
**FireSound Xtreme**

Moralt Laminesse FireSmoke and FireSound Xtreme door blanks provide high end solutions for 90 and 120 minute fire resistance respectively, without the need to compromise on smoke or acoustic performance.



- Fully test fire performance
- 58mm FireSmoke Xtreme up to FD90 doorsets
- 58mm FireSound Xtreme up to FD120 doorsets
- Scope to produce FD90 leaves over 2500mm in height
- Scope to produce FD120 leaves over 2400mm in height
- FSC Chain of Custody certified
- Acoustic evidence supporting performance of 39dB on FD120 capable products
- Stable, engineered board construction
- Unlipped blanks ready for processing

### PERFORMANCE SUMMARY

	Core			Thickness (mm)				Fire				App.		Max dB (RW)	PAS24 Security	Thermal Range	Certification				COC		Perimeter Framing	Recessed Panels	SCAN HERE
	Particleboard	Solid Timber	Specialist	35	44	54	58	FD30	FD60	FD90	FD120	Internal	External				Thermal Range	Certifire	Q Mark	IFCC	FSC	PEFC			
FireSmoke Xtreme			✓				✓	✓	✓	✓		✓		35				✓	✓	✓		E1			
FireSound Xtreme			✓				✓	✓	✓	✓	✓			39				✓	✓	✓		E1			

## FIRESMOKE XTREME

### 90 Minutes Performance - Q Mark

Config	Leaf Sizes				Seal Arrangement			Document Link
	Max Height	At Width	Max Width	At Height	Jambs	Head	M/S	
LSASD	2575	910	1027	2305	2no 20x4 & 1no 10x4	2no 20x4 & 1no 10x4		WF415740
LSADD	2475	910	977	2305	2no 20x4 & 1no 10x4	2no 20x4 & 1no 10x4	3no 20x4	WF415740

### Acoustic Performance

Config	Acoustic Seals				Glass Type	dB(Rw) Rating
	Jambs	Head	M/S	Threshold		
Single Flush	NOR710	NOR710		Schall-Ex L15		35
Single Glazed	NOR710	NOR710		Schall-Ex L15	6mm Pyran	36

## FIRESOUND XTREME

### 120 Minutes Performance - Q Mark

Config	Leaf Sizes				Seal Arrangement			Document Link
	Max Height	At Width	Max Width	At Height	Jambs	Head	M/S	
LSASD	2407	905	945	2305	2no 20x4 & 1no 10x4	2no 20x4 & 1no 10x4		WF415740

### 90 Minutes Performance - Q Mark

Config	Leaf Sizes				Seal Arrangement			Document Link
	Max Height	At Width	Max Width	At Height	Jambs	Head	M/S	
LSASD	2561	905	1005	2305	2no 20x4 & 1no 10x4	2no 20x4 & 1no 10x4		WF415740

### Acoustic Performance

Config	Acoustic Seals				Glass Type	dB(Rw) Rating
	Jambs	Head	M/S	Threshold		
Single Flush	NOR710	NOR710		Schall-Ex L15		39
Single Glazed	NOR710	NOR710		Schall-Ex L15	6mm Pyran	39

The acoustic performance noted above can be improved with the use of Moralt clad-on panels. Using Moralt clad-on panels, the FireSmoke Extreme blank can achieve a maximum of **43dB**, and the FireSound Extreme blank can achieve a maximum of **44dB**. Details can be found in the relevant assessment documents, or click [here](#).

The above intumescent and acoustic seal configurations are a summary of available performances only. Individual seal manufacturers may have carried out additional independent testing which they could make available to doorset providers.

All product names, trademark and registered trademarks are property of their respective owners and are used in this document for the purpose of identification only.



<b>Gateshead Depot</b>	T 0191 338 8208	E <a href="mailto:gateshead@falconpp.co.uk">gateshead@falconpp.co.uk</a>
<b>Haydock Depot</b>	T 01744 416 600	E <a href="mailto:haydock@falconpp.co.uk">haydock@falconpp.co.uk</a>
<b>High Wycombe Depot</b>	T 01494 291 777	E <a href="mailto:highwycombe@falconpp.co.uk">highwycombe@falconpp.co.uk</a>
<b>Leeds Depot</b>	T 0113 887 2222	E <a href="mailto:leeds@falconpp.co.uk">leeds@falconpp.co.uk</a>
<b>Nottingham Depot</b>	T 0115 919 2000	E <a href="mailto:nottingham@falconpp.co.uk">nottingham@falconpp.co.uk</a>
<b>Tilbury Depot</b>	T 01375 487 300	E <a href="mailto:tilbury@falconpp.co.uk">tilbury@falconpp.co.uk</a>
<b>West Bromwich Depot</b>	T 0121 525 8844	E <a href="mailto:westbrom@falconpp.co.uk">westbrom@falconpp.co.uk</a>

Falcon Panel Products Ltd  
 Clock House  
 Station Approach  
 Shepperton, Middlesex  
 TW17 8AN  
 E [sales@falconpp.co.uk](mailto:sales@falconpp.co.uk)

[www.falconpp.co.uk](http://www.falconpp.co.uk)