

# BRITISH PRODUCT OVERVIEW

## INDOOR



		FireSmoke 44 6 mm MDF face		FireSmoke 54 6 mm Chipface		FireSmoke Xtreme 58 3 mm MDF face		FireSound 44 mm 3 mm MDF face		FireSound 54 mm 3 mm MDF face		FireSound 59 mm 3 mm MDF face		FireSound Xtreme 58 mm 3 mm MDF face	
Fire rating		flush	glazed	flush	glazed	flush	glazed	flush	glazed	flush	glazed	flush	glazed	flush	glazed
BS 476 Part22	SD	FD30	FD30	FD30/FD60	FD30/FD60	FD60/FD90	FD60/FD90	FD30	FD30	FD30/FD60	FD30/FD60	FD30/FD60	FD30/FD60	FD60/FD90/FD120	FD60/FD90/FD120
	DD	FD30	FD30	FD30/FD60	FD30/FD60	FD60/FD90	FD60/FD90	FD30	FD30	FD30/FD60	FD30/FD60	FD30/FD60	FD30/FD60	FD60/FD90	FD60/FD90
Certification	IFCC	✓		✓		-		✓		✓		✓		-	
	Q-Mark	✓		✓		-		✓		✓		✓		-	
	Intertek	-		-		✓ (UL10C)		-		✓ (UL10C)		✓ (UL10C)		✓ (UL10C)	
Acoustic value Rw	SD	32 dB	-	35 dB	37 dB	37 dB	37 - 38 dB	40 dB	39 dB	40 dB	39 dB	43 dB	40 - 41 dB	44 dB	41 dB
	DD	-	-	36 dB	37 dB	37 dB	37 - 38 dB	39 dB	38 dB	40 dB	39 - 40 dB	44 dB	41 - 42 dB	43 dB	41 - 42 dB
+ clad-on panels (25mm)	SD	-	-	40 - 43 dB	-	41 - 43 dB	-	-	-	42 - 46 dB	-	44 - 46 dB	-	-	-
Interconnecting doors	SD	55 dB*	-	54 dB*	-	-	-	57 dB*	-	56 - 57 dB*	-	53 - 68 dB**	-	-	-
Concealed hardware		-		✓		-		-		✓		✓		-	
Access systems		-		Electronic locks / RFID		-		-		Electronic locks / RFID		Electronic locks / RFID		-	
Service life testing	EN1191	500.000 cycles		500.000 cycles		-	-	-	-	-	-	500.000 cycles		-	-
	EN1192	severe duty		severe duty		-	-	-	-	-	-	-	-	-	-
	BS EN 6375	-		PAS24		-	-	-	-	-	-	-	-	-	-
Weight [kg/m²]		29		35		40		32		40		44		51	
U-value [W/m²K]		1,97		1,71		2,2		1,9		1,9		1,51		2,2	
Climatic perform.	EN1530	b, c, 3		b, c, 4		-		-		b, c, 3		b, c, 3		-	
NAUF		on request		on request		on request		on request		on request		on request		on request	
PEFC		✓		✓		✓		✓		✓		✓		✓	

\* in combination with FireSound 44/54/59 mm

\*\* + clad-on panels (25 mm)

### Any Questions?

Moralt AG, Obere Tiefenbachstrasse 1, D-83734 Hausham

Phone: +49 8026 92538-11, E-Mail: info@moralt-ag.de, www.moralt-ag.com



# INTERNATIONAL PRODUCT OVERVIEW

## INTERNAL DOORBLANKS



		FireSmoke 54 mm 6 mm Chipface		FireSmoke Xtreme 58 mm 3 mm MDF face		SmartCore 55 mm 22 mm Chipface		FireSound 44 mm 3 mm MDF face		FireSound 54 mm 3 mm MDF face		FireSound 59 mm 3 mm MDF face		FireSound Xtreme 58 mm 3 mm MDF face			
Fire rating		flush	glazed	flush	glazed	flush	glazed	flush	glazed	flush	glazed	flush	glazed	flush	glazed		
BS 476 Part22	timber frame	SD	FD30/FD60	FD30/FD60	FD60/FD90	FD60/FD90	FD60	-	FD30	FD30	FD30/FD60	FD30/FD60	FD30/FD60	FD30/FD60	FD60/FD90/FD120	FD60/FD90/FD120	
	DD	FD30/FD60	FD30/FD60	FD60/FD90	FD60/FD90	-	-	FD30	FD30	FD30/FD60	FD30/FD60	FD30/FD60	FD30/FD60	FD60/FD90	FD60/FD90		
UL10C	timber frame	SD	-	-	20/45/60	-	-	-	-	20/45/60	-	20/45/60	-	20/45/60	-	-	
	DD	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Certification	steel frame	SD	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	DD	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
IFCC	Q-Mark	-	✓	-	-	-	-	-	✓	-	✓	-	✓	-	-	-	
	Intertek	-	-	-	✓	-	✓	-	-	✓	-	✓	-	-	✓	-	
	Acoustic value STC/Rw <sub>p</sub>	SD	35 dB	37 dB	37 dB	37 - 38 dB	40 dB	37 - 38 dB	40 dB	39 dB	40 dB	39 dB	43 dB	40 - 41 dB	44 dB	41 dB	
+ clad-on panels (25mm)	DD	36 dB	37 dB	37 dB	37 - 38 dB	39 dB	37 - 38 dB	39 dB	38 dB	40 dB	39 - 40 dB	44 dB	41 - 42 dB	43 dB	41 - 42 dB		
	SD	40 - 43 dB	-	41 - 43 dB	-	-	-	-	-	42 - 46 dB	-	44 - 46 dB	-	-	-	-	
Interconnecting doors	SD	55 dB*	-	-	-	-	-	57 dB*	-	56 - 57 dB*	-	53 - 68 dB**	-	-	-		
Concealed hardware		✓	-	-	-	✓	-	-	-	✓	-	✓	-	-	-		
Access systems		Electronic locks / RFID				Electronic locks / RFID				Electronic locks / RFID				Electronic locks / RFID			
Service life testing	EN1191	500.000 cycles				-	-	-	-	-	-	-	500.000 cycles				
	EN1192	severe duty				-	-	-	-	-	-	-	-	-	-	-	
	BS EN 6375	PAS24				-	-	-	-	-	-	-	-	-	-	-	
Weight [kg/m <sup>2</sup> ]		35		40		40		32		40		44		51			
U-value [W/m <sup>2</sup> K]		1,71		2,2		1,8		1,9		1,9		1,51		2,2			
Climatic perform.	EN1530	b, c, 4		-		-		-		b, c, 3		b, c, 3		-			
NAUF		on request		on request		on request		on request		on request		on request		on request			
PEFC		✓		✓		✓		✓		✓		✓		✓			

\* in combination with FireSound 44/54/59mm

\*\*+ clad-on panels (25mm)

### Any Questions?

Moralt AG, Obere Tiefenbachstrasse 1, D-83734 Hausham

Phone: +49 8026 92538-11, E-Mail: info@moralt-ag.de, www.moralt-ag.com

warringtonfire

