

## Moralt Performance Door solutions

# BRITISH PRODUCT OVERVIEW

## OUTDOOR



		FERRO KlassikPlus 68 – 98 mm		FERRO Akustik 68 – 98 mm		FERRO Passiv 98 mm		FERRO PassivAkustik 98 mm		FERRO FireSafe 68 – 98 mm		FERRO FireSafe Akustik 68 – 98 mm		FERRO FireSafe Passiv 98 mm	
Fire rating		flush	glazed	flush	glazed	flush	glazed	flush	glazed	flush	glazed	flush	glazed	flush	glazed
BS 476 Part22	SD	-	-	-	-	-	-	-	-	FD30	FD30	FD30	FD30	FD30/FD60	FD30
	DD	-	-	-	-	-	-	-	-	FD30	FD30	FD30	FD30	FD30	FD30
Acoustic value STC	SD	30 dB	37 dB	44 - 47 dB	44 - 47 dB	30 dB	32 dB	42 dB	42 dB	31 dB	32 dB	44 - 47 dB	44 - 47 dB	31 dB	32 dB
	DD	30 dB	32 dB	44 - 47 dB	44 - 47 dB	30 dB	32 dB	42 dB	42 dB	31 dB	32 dB	44 - 47 dB	44 - 47 dB	31 dB	32 dB
Concealed hardware **		-		-		-		-		✓		✓		-	
Service life testing	EN1191	200.000 cycles		200.000 cycles		200.000 cycles		200.000 cycles		200.000 cycles		200.000 cycles		200.000 cycles	
	BS EN 6375	PAS24		PAS24		PAS24		PAS24		PAS24		PAS24		PAS24	
	EN1627	RC2/RC3		RC2/RC3		RC2/RC3		RC2/RC3		RC2/RC3		RC2/RC3		RC2/RC3	
Weight [kg] 1050 x 2240 mm		62 - 78		88 - 108		70		108		70 - 98		88 - 108		80	
U-value [W/m²K]		0,92 - 0,68		1,2 - 0,78		0,54		0,78		1,0 - 0,8		1,2 - 0,78		0,76	
Climatic perform.	EN1530	c, d, e, 4		c, d, e, 4		c, d, e, 4		c, d, e, 4		c, d, e, 4		c, d, e, 4		c, d, e, 4	
NAUF		on request		on request		on request		on request		on request		on request		on request	
FSC®/ PEFC *		✓		✓		✓		✓		✓		✓		✓	

\* only MDF exterior face

\*\* related to fire protection

## Moralt FERRO external door blanks

**Moralt's FERRO range** is high quality, warp-resistant, thermal-insulating and security tested (PAS24 and RC2/RC3 certified) external door blank. The FERRO patented fl at steel stabilizer on the lock-side (Patent No. 19910026) is thermally isolated to prevent thermal bridges. It furthermore achieves the very highest values in all performance classes defined in EN14351-1, CE Marking for external doorsets. Each door blank of the FERRO range is also available as a CNC processed door kit with accessories in compliance to EN14351-1.

**Moralt's Energy Saver – FERRO Passiv** (98mm thick). The insulation professional (the blank's U-value is 0.58W/Km<sup>2</sup>) certification for low-energy and Passive houses. Moralt FERRO Passiv is also available as a passive house compliant door kit with accessories that enables compliance to EN14351-1, CE marking for external doors. On top this product is also available with FD30/FD60 or an acoustic performance of 42 dB as a single glazed/unglazed door.

### Any Questions?

Moralt AG, Obere Tiefenbachstrasse 1, D-83734 Hausham

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## Moralt Performance Door solutions

# INTERNATIONAL PRODUCT OVERVIEW

## EXTERNAL DOORBLANKS



		ALU Classic 64 mm		FERRO KlassikPlus 68 – 98 mm		FERRO Akustik 68 – 98 mm		FERRO Passiv 98 mm		FERRO FireSafe 68 – 98 mm		FERRO FireSafe Akustik 68 – 98 mm		FERRO FireSafe Passiv 98 mm	
Fire rating		flush	glazed	flush	glazed	flush	glazed	flush	glazed	flush	glazed	flush	glazed	flush	glazed
BS 476 Part22	SD	-	-	-	-	-	-	-	-	FD30	FD30	FD30	FD30	FD30/FD60	FD30
	DD	-	-	-	-	-	-	-	-	FD30	FD30	FD30	FD30	FD30	-
Certification	IFCC	-	-	-	-	-	-	-	-	✓	✓	✓	✓	-	✓
	Q-Mark	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Intertek	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Acoustic value STC	SD	-	-	30 dB	37 dB	44 - 47 dB	44 - 47 dB	30 dB	32 dB	31 dB	32 dB	44 - 47 dB	44 - 47 dB	31 dB	32 dB
	DD	-	-	30 dB	32 dB	44 - 47 dB	44 - 47 dB	30 dB	32 dB	31 dB	32 dB	44 - 47 dB	44 - 47 dB	31 dB	32 dB
Concealed hardware **		-	-	-	-	-	-	-	-	✓	✓	✓	✓	-	-
Service life testing	EN1191	200.000 cycles		200.000 cycles		200.000 cycles		200.000 cycles		200.000 cycles		200.000 cycles		200.000 cycles	
	BS EN 6375	-		PAS24		PAS24		PAS24		PAS24		PAS24		PAS24	
	EN1627	-		RC2/RC3		RC2/RC3		RC2/RC3		RC2/RC3		RC2/RC3		RC2/RC3	
Weight [kg] (1050x2240mm)		90		62 - 78		88 - 108		70		70 - 98		88 - 108		80	
U-value [W/m²K]		1,71		0,92 - 0,68		1,2 - 0,78		0,54		1,0 - 0,8		1,2 - 0,78		0,76	
Climatic perform. EN1530		c, d, e, 4		c, d, e, 4		c, d, e, 4		c, d, e, 4		c, d, e, 4		c, d, e, 4		c, d, e, 4	
NAUF		on request		on request		on request		on request		on request		on request		on request	
PEFC		✓		FSC®/ PEFC *		FSC®/ PEFC *		FSC®/ PEFC *		FSC®/ PEFC *		FSC®/ PEFC *		FSC®/ PEFC *	

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