



SAINT-ASTIER

LIME, LIFELONG EXCELLENCE

TRADIBLANC® HL 5

THE WHITE LIME



TECHNICAL LIME BINDER

THE BENEFITS

- ◆ RESPECTS THE COLOUR OF THE LOCAL SANDS
- ◆ HIGH YIELD
- ◆ QUICK SETTING
- ◆ RESISTANT

SUITABLE FOR

- > Bedding and pointing mortar
- > Stipple and base coats
- > Limecrete
- > Above the roof line, chimneys
- > Lime screed, floor tiling

PACKAGING

- 25kg bag
- 40 bags per pallet (1T pallet)

PRODUCT COMPOSITION

Formulated with Saint-Astier® Natural Hydraulic Lime with addition of OPC and additives.

SHELF LIFE & GUARANTEE

One year from production date if protected in the original packaging and stored in dry conditions. Manufacturer Civil Responsibility.

25
KG

HL
5

NF-EN
459.1



PERFORMANCE

ESSENTIAL SPECIFICATION	MORTAR (SAND 0-3MM, VOLUME 1:3)	TEST STANDARDS
Dry density	1400-1450 g/l	EN 1015-11
Water retention	81% (+/- 3%)	CSTB/ASTM C91
Compressive strength at 24 hours 7 days 28 days	1.5 N.mm ² 4-5 N.mm ² 6-7 N.mm ²	EN 998.2
Thermal conductivity	0.540 W/m.K	EN 1745
Vapour permeability	1,60.10 ⁻¹¹ kg/m ² sPa	EN 1015-19
Elasticity moduli	7000 – 9000 MPa	CSTB
Capillarity	0.75 g/(dm ² x min1/2)	EN 1015
Fire resistance	Class A1 (for mortar made with mineral sands)	

APPLICATION

Possible application by machine, please contact us. Before starting, always try on a small test area.

WORKING TEMPERATURE

Not below 8°C or above 30°C. Ensure high suction substrates are thoroughly dampened before application. Avoid rapid drying due to high temperatures and strong winds by covering and curing with a light water mist as necessary. Reseal open bags as soon as possible.

PREPARATION

Up to 5 minutes in a conventional drum mixer.

HEALTH & SAFETY

Follow the instructions on the safety data sheet and wear the appropriate equipment (gloves, mask, safety shoes...).

FURTHER INFORMATION

Available on our website following this link : www.stastier.co.uk





BEDDING, POINTING, TILING & OTHER APPLICATIONS

BEDDING, POINTING	CMU, hollow or solid bricks, hard stone	 +  Sand 0/4	LIMECRETE	Floors	 +  Concrete mix 0/16 mm
TILING	Laying terracotta tiles or flagstones	 +  Sand 0/4	CHIMNEYS	Fireplace bricks and flue tiles (concrete, clays) solid bricks, stone	 +  +  Cement 25 kg Sand 0/4
ABOVE THE ROOF LINE*	Roof tiles, ridge, roof edges, roof connections	 +  Sand 0/4			

*In the case of high waterproofed roof tiles, it may be necessary to incorporate SBR resin into the mortar.

RENDERING / PLASTERING

MANUAL APPLICATION		STIPPLE COAT	BASE COAT	TOP COAT	
		3 to 5 mm	10 to 20 mm	Scratch (5 to 7 mm)	Smooth or floated 5 mm max (only manual app)
OLD MASONRY AND/OR COARSE PLASTER		 +  Sand 0/4	 +  Sand 0/4		
NEW MASONRY, BRICKS, OR STONE BLOCKS	Option 1*	 +  HOURDEX® Sand 0/4	 +  Sand 0/4	+	+
	Option 2*	 +  +  Cement 25 kg Sand 0/4		 Sand 0/2 to 0/4	 Sand 0/2
ESTIMATED CONSUMPTION		2 kg / m ² for 5 mm	3,5 à 5 kg / m ² for 10 mm	3 à 4 kg / m ² for 10 mm	1 à 1,5 kg / m ² for 5 mm
DELAY BETWEEN COATS		2 days		At least 7 days	

MECHANICAL APPLICATION	BASE COAT	TOP COAT	
	15 to 20 mm	Scratch (5 to 7 mm)	Smooth or floated 5 mm max (only manual app)
OLD MASONRY AND/OR COARSE PLASTER	 +  Sand 0/4	 +  Sand 0/2 to 0/4	 +  Sand 0/2
NEW MASONRY, BRICKS, OR STONE BLOCKS OPTION 1 ET 2*	 +  Sand 0/4	Possibility to use other products from Saint-Astier®	
ESTIMATED CONSUMPTION	5 to 6,5 kg / m ² for 15 mm	3 to 4 kg / m ² for 10 mm	1 to 1,5 kg / m ² for 5 mm
DELAY BETWEEN COATS	At least 7 days		

*Option 2 masonry have a tensile strength above 0,8 MPa
Option 1 masonry have a tensile strength between 0,6 MPa and 0,8 MPa

ADDITIONAL INFORMATION

- > Smooth finishes are achieved with a maximum thickness of 5 mm.
- > Traditional renders tend to show shading after a rain shower. This phenomenon shows that the lime mortar has a moisture-regulating function.
- > Amount of mixing water: Depends on the moisture of the sand and its ratio. Technical documentation for implementation is available at www.stastier.co.uk

WORKING TEMPERATURE

- > Between 5° C and 30° C.
- > During periods of hot weather, dampen surfaces the day before application and keep the finished coating damp for 48 hours.

EQUIVALENCES

	TRADIBLANC® 25 kg bag	=		10 litre bucket
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