### **TECHNICAL DATA SHEET**



# TRADIBLANC<sup>®</sup> HL 5

THE WHITE LIME



# 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<sup>®</sup> 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.



### www.stastier.co.uk



#### 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.mm² 4-5 N.mm² 6-7 N.mm²	EN 998.2	
Thermal conductivity	0.540 W/m.K	EN 1745	
Vapour permeability	1,60.10 <sup>-11</sup> kg/m²sPa	EN 1015-19	
Elasticity moduli	7000 – 9000 MPa	CSTB	
Capillarity	0.75 g/(dm <sup>2</sup> 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** 





Chaux de Saint-Astier 28 bis route de Montanceix - La Jarthe - 24110 Saint-Astier, France www.stastier.co.uk - contact\_uk@saint-astier.com





#### **BEDDING, POINTING, TILING & OTHER APPLICATIONS**

	BEDDING, POINTING	CMU, hollow or solid bricks, hard stone	1 • 2,5/ 3 Sand 0/4	
TILING		Laying terracotta tiles or flagstones	1 • 2,5 Sand 0/4	
	ABOVE THE ROOF LINE*	Roof tiles, ridge, roof edges, roof connections	1 • 2/ 2,5 Sand 0/4	-

LIMECRETE	Floors	1 + 2 Concrete mix 0/16 mm	
CHIMNEYS	Fireplace bricks and flue tiles (concrete, clays) solid bricks, stone	1 + 1 + 2,5 Cement 25 kg Sand 0/4	

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

MANUAL APPLICATION		STIPPLE COAT	STIPPLE COAT BASE COAT		ΤΟΡ 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		1 + 2 Sand 0/4	1	+ 2,5/ 3 Sand 0/4	ı	I ·	
NEW MASONRY, BRICKS,	Option 1*	HOURDEX® Sand 0/4		1 • 2/ 2,5 Sand 0/4	3/ 3,5	3.5/ 4 Sand 0/2	
OR STONE BLOCKS	Option 2*	1 + 2 + 4.5/ 5 Cement 25 kg Sand 0/4			Sand 0/2 to 0/4 Possibility to use other products from Saint-Astier®	Sand 0/2 Possibility to use other products from Saint-Astier®	
ESTIMATED CONSUMPTION		2 kg / m <sup>2</sup> for 5 mm	3,5 à 5 kg / m² for 10 mm		3 à 4 kg / m² for 10 mm	1 à 1,5 kg / m² for 5 mm	
DELAY BETWEEN COATS		2 days	2 days		At least 7 days		

#### BASE COAT TOP COAT MECHANICAL APPLICATION Smooth or floated Scratch (5 to 7 mm) 15 to 20 mm 5 mm max (only manual app) OLD MASONRY 8/ 10 10/ 12 6,5/ AND/OR COARSE 8 PLASTER Sand 0/4 Sand 0/2 to 0/4 Sand 0/2 NEW MASONRY, Possibility to use other products from Saint-Astier® Possibility to use other products from Saint-Astier® BRICKS 6/7 **OR STONE BLOCKS OPTION 1 ET 2\*** Sand 0/4 ESTIMATED 3 to 4 kg / m<sup>2</sup> for 10 mm 1 to 1,5 kg / $m^{2}$ for 5 mm 5 to 6,5 kg / $m^2$ for 15 mm CONSUMPTION DELAY At least 7 days BETWEEN COATS

\*Option 2 masonry have a tensil strenght above 0,8 MPa Option 1 masonry have a tensil strenght between 0,6 MPa and 0,8 MPa

#### ADDITIONAL INFORMATION

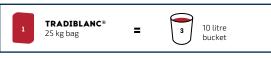
> Smooth finishes are achieved with a maximum thickness of 5 mm.

- > 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.

#### EQUIVALENCE









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## RENDERING / PLASTERING