

Product Specification.

paoli brick slips

All tips and guidelines should be taken as general advice and should be used in addition to the relevant Australian standards. These tips and advice are given in good faith. In no way do these replace the service of professional contractors / consultants.



wall
Nolita - Multicolor 4,8x45

floor
Volcano - Sand 100x100 h20

ISO 13006 - EN 14411 - ISO 10545 Standards

Nominal sizes (cm): 4.8x45	Thickness (mm) : 9.5
Sides: Natural	Surface: natural
	Product Group: Bla-GL

Technical characteristics		Test method	EN 14411 and ISO 13006 requirements	Italcer Average values
Dimensions	Length and width	ISO 10545-2	±0.6% and ± 2.0mm Rect. : ±0.3% and ± 1.0mm	Compliant
	Straightness of sides	ISO 10545-2	±0.5% and ± 1.5mm Rect. : ±0.3% and ± 0.8mm	Compliant
	Rectangularity	ISO 10545-2	±0.5% and ± 2.0mm Rect. : ±0.3% and ± 1.5mm	Compliant
	Flatness	ISO 10545-2	±0.5% and ± 2.0mm Rect. : ±0.4% and ± 1.8mm	Compliant
	Thickness	ISO 10545-2	±5% and ± 0.5mm	Compliant
Water absorption		ISO 10545-3	≤ 0.5%	<0.2%
Modulus of rupture		ISO 10545-4	≥ 35 N/mm ²	>45 N/mm ²
Breaking strength (S)		ISO 10545-4	≥ 700 N	Compliant
Abrasion resistance		ISO 10545-7	Declared class	PEI 4 (Charcoal, Smoke, Sunset, Multicolor, Cotto, Napa, Brown); PEI 5 (Silver, Mud, Sand, White, Pearl)
Linear thermal expansion		ISO 10545-8	Declared value	$\alpha \leq 7.1 \times 10^{-6} \text{ } ^\circ\text{C}^{-1}$
Thermal shock resistance		ISO 10545-9	No alterations	Resistant
Frost resistance		ISO 10545-12	No alterations	Resistant
Chemical resistance		ISO 10545-13	Declared value	LA – HA
Household chemicals resistance		ISO 10545-13	B min.	A
Stain resistance		ISO 10545-14	Class 3 min.	Class 5
Mohs Hardness		UNI EN 101	5 Min.	5
Slip Resistance	EN 16165 an.B	Declared value	R10	
	EN 16165 an.A	Declared value	B	
	ANSI A326.3	Declared value	>0.42	
	B.C.R.A. Rep. CEC/81	Declared value	>0.4	
	EN 16165 an.C	Declared value	Dry/Wet : >36	
Shade variation		ANSI A 137.1	Not required	V3, V1 (White)
Fire reaction		UNI EN 13501-1	-	A1 _{FL} class
Thermal Conductivity		EN 12524	Not required	$\lambda = 1.3 \text{ W/m}\cdot\text{K}$
Light and colour fastness		DIN 51094	Not required	No variations

Adhesion

All tiles must be solidly bedded, with 100% adhesive coverage.

Tiles should occasionally be lifted during the laying process to ensure that sufficient compaction and full bed adhesion has been achieved.

We recommend Mapei or Laticrete products for the installation process (There are many reputable companies)

au.laticrete.com/

mapei.com/au

Fast setting adhesives are advisable to avoid issues with the moisture retention of some tiles.

Some tiles require the use of specific adhesives to ensure problem-free fixing; please speak to manufactures directly to discuss the requirements of your tile choice.

Light Coloured materials require fixing with white adhesives to prevent possible discoloration within the body of the stone. Flexible adhesives, combined with further substrate preparation, are required when the substrate is wood, or floor. For uncalibrated stone tiles, the appropriate Large Format

Floor Adhesive should be used to accommodate the variation in tile thickness and associated increases in the adhesive bedding. The variation in tile thickness will be most noticeable if laying a mix of sizes in an uncalibrated material.

Grouts

The purpose of grout is to help maintain the stones in their place, create a water tight seam that prevents liquid from seeping into the substrate/adhesive - to its best ability - and to minimise breakages from expansion and contraction.

When grouting it is always recommended to use a high-quality grouting compound that is suitable for the application. Grouting products can be found below.

au.laticrete.com/

mapei.com/au

Please speak to a professional when selecting the correct grout for colour, suitability and durability.

THICKNESS	9,5 mm
KG/M ²	20,41
PZ/BOX	32
M ² /BOX	0,69
BOX/PALLET	66
M ² /PALLET	48
KG/PALLET	858

* Compresa fuga di 5 mm - 5 mm joint included



POSARE CON FUGA DI 5MM
LAY WITH 5 MM JOINT
POSER AVEC UN JOINT DE 5MM
MIT EINER 5MM FUGE VERLEGEN



< 0,2%



A • HA • LA



OK



> 45 N/mm²



5



5



Classe IV



Classe V



Dcof > 0,42
Pendulum:
Dry/Wet >36

White





wall
Nolita - Mud 4,8x45

floor
Dream - Honey 24x150

smoke



J92150
4,8x45 (2"x18")

charcoal



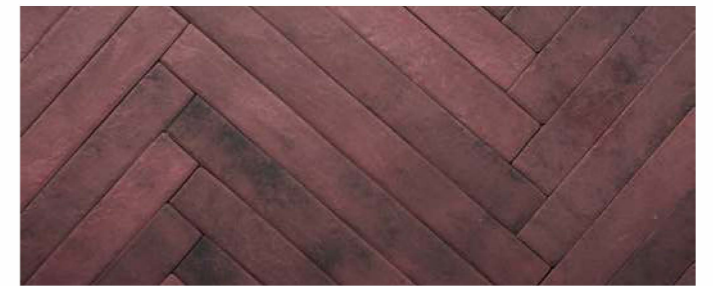
J92143
4,8x45 (2"x18")

silver



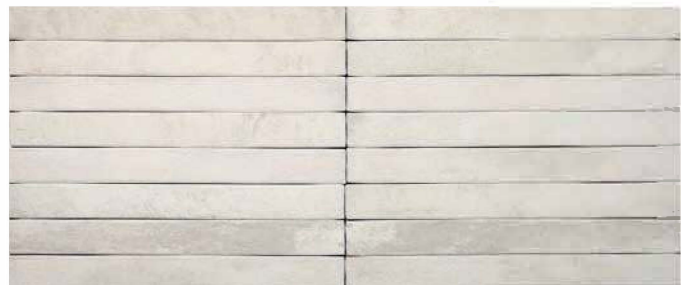
J92149
4,8x45 (2"x18")

napa



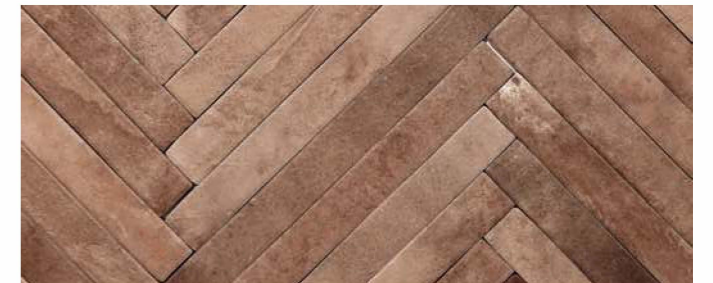
J92146
4,8x45 (2"x18")

pearl



J92147
4,8x45 (2"x18")

brown



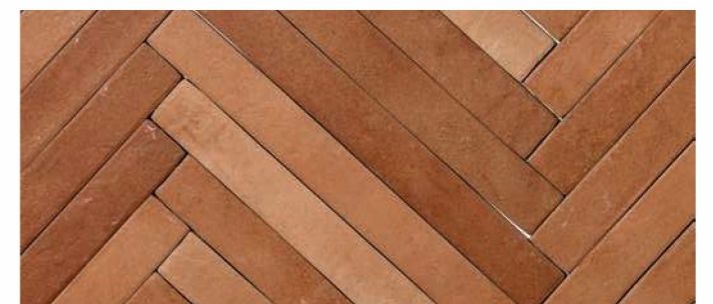
J92142
4,8x45 (2"x18")

white



J92152
4,8x45 (2"x18")

cotto



J92144
4,8x45 (2"x18")

sunset



J92151
4,8x45 (2"x18")

multicolor



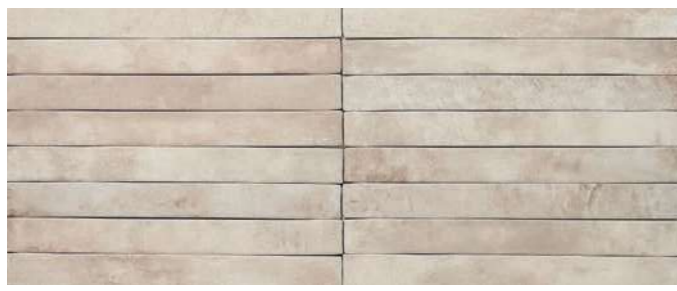
J92145
4,8x45 (2"x18")

sand

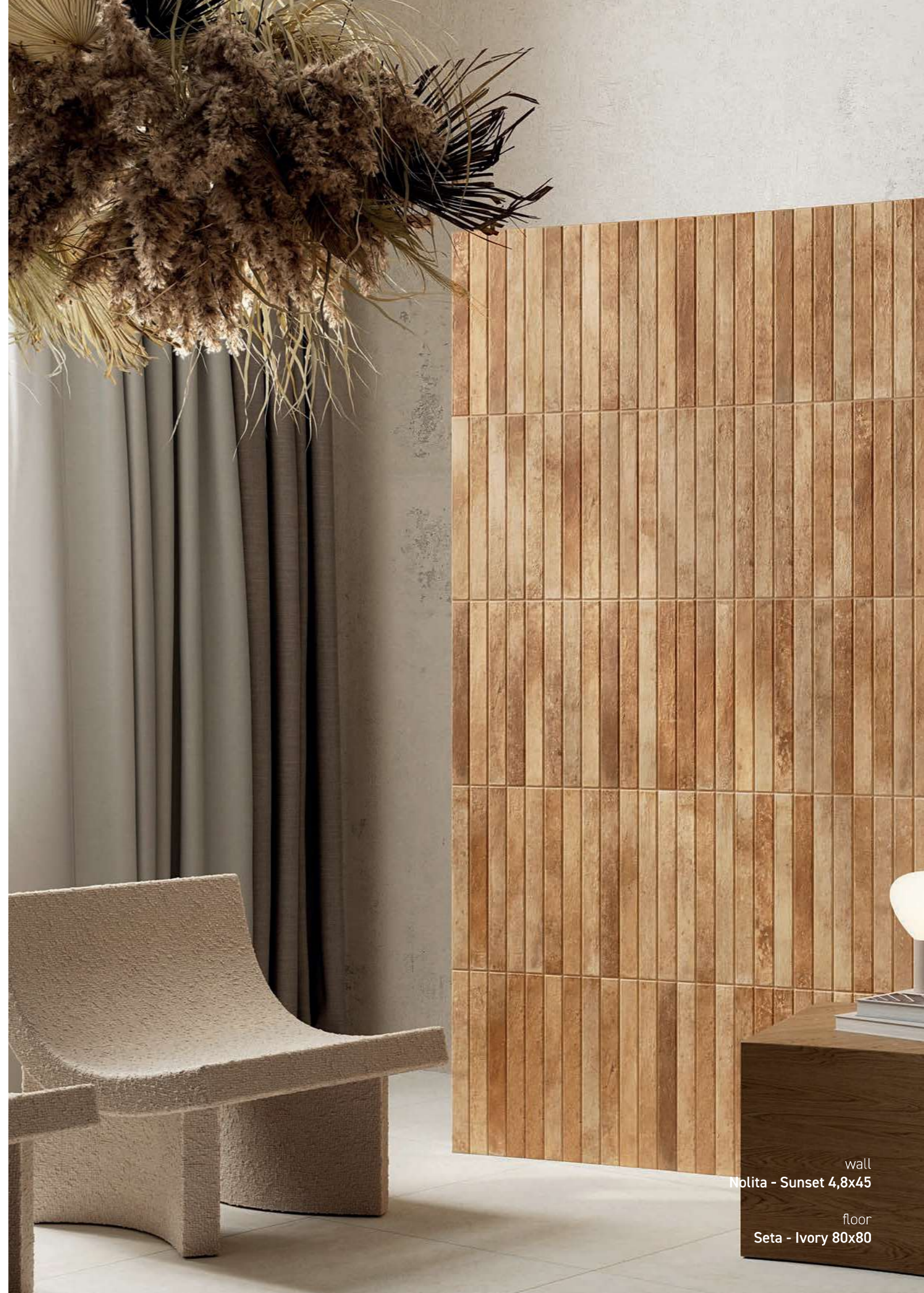


J92148
4,8x45 (2"x18")

mud



J921431
4,8x45 (2"x18")



wall
Nolita - Sunset 4,8x45
floor
Seta - Ivory 80x80

Substrates/foundations/ underfloor heating

The key to preventing problems occurring after tile installation is the correct preparation of the substrate prior to fixing. All substrates that are to be tiled on, floor or wall, should always be suitably prepared. They should be clean, flat, level, free from movement and free from anything which could be deleterious to adhesion.

Correct identification of the substrate is vital to ensure the correct advice and ancillaries are provided. With the increasing use of large format & Split face materials on walls, it is imperative to ensure that the substrate has a suitable weight bearing capability to accommodate the desired material.

For guidelines on fixing to specific substrates please call us for further information. We have a team dedicated in natural stone installations who can help contact the relevant professional (Engineer, architect, building consultant) to produce a work method statement to be specified for the correct substrate, foundations and underfloor heating.

All information required about the stone weight Per/m² can be obtained by contacting us directly.

Cutting

Stone is best cut with a bench saw with a diamond blade. The stone should be washed after cutting to remove all dirt and cutting paste.

Please note that silica dust can be found in natural products and is recommend that safety and health-cautions are used whilst cutting.

Storage

All stone is best stored in a dry area where it will not be affected by the weather. At the very least ensure coverage with a tarp.

Crystalline silica

Commonly known as silica dust this is found in sand, stone, concrete, mortar and variety of products in the construction industry including bricks and plastics. Silica dust particles if exposed can cause health issues.

To prevent and reduce this protective equipment must be worn whilst using tools to cut, grind, drill or other any other procedures that involve manipulating the stone. Safety guidelines relating to silica must be obeyed. For more information, please see the link below.

safeworkaustralia.gov.au/safety-topic/hazards/crystalline-silica-and-silicosis



naturalstonetiles.com.au

Richmond

(03) 9121 8888

591 Bridge Rd, Richmond

Hoppers Crossing

(03) 9748 7788

6 Nevada Crt, Hoppers Crossing

Geelong

(03) 5261 7777

327 Shannon Ave, Newtown