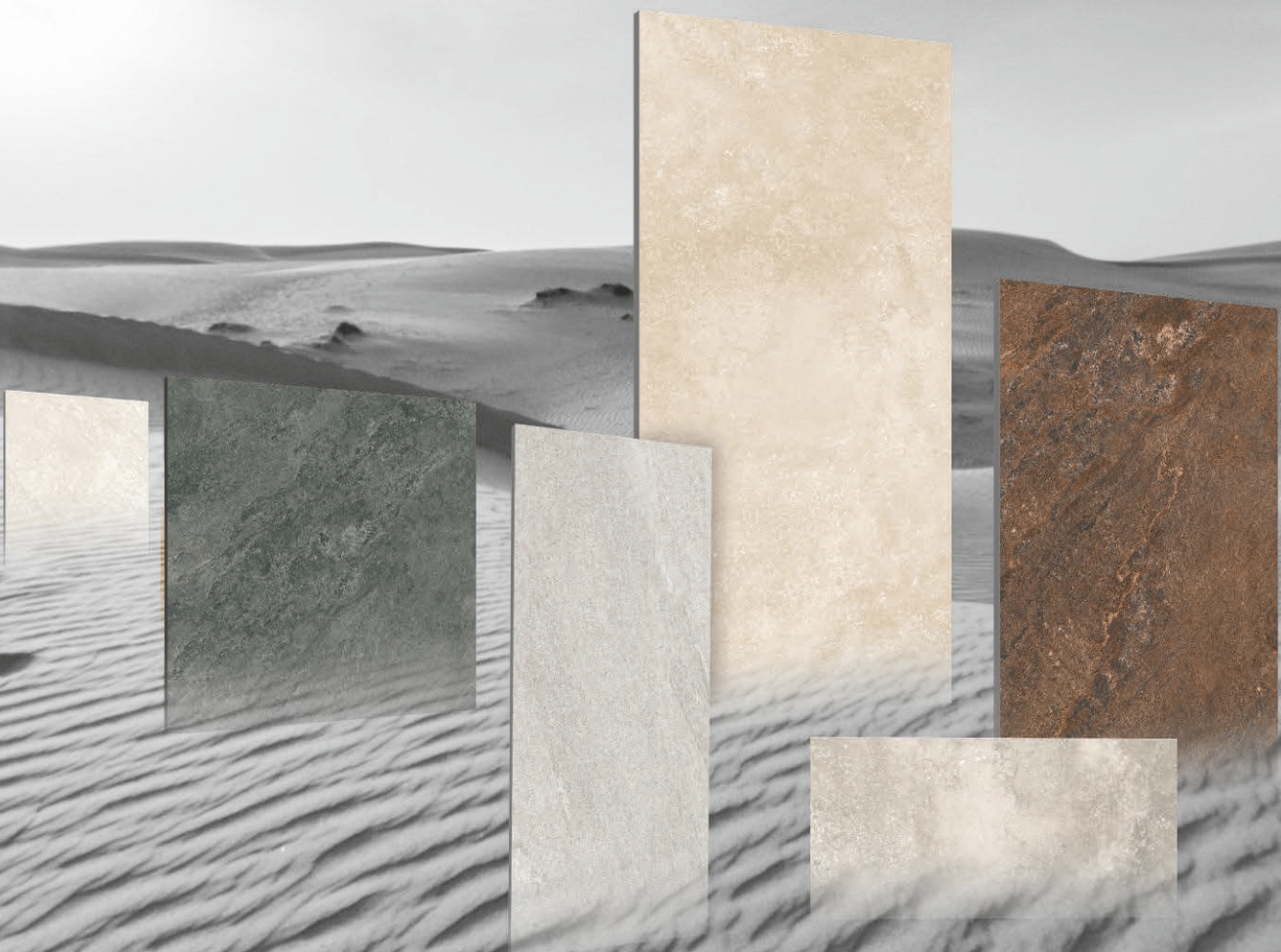


YOU'RE
**BOUND TO EXPLORE
MORE WONDERS**

 **20MM**
 **PORCELAIN**



NST STONE
Natural Stone & Porcelain



PORCELAIN



NATURAL STONE TRADERS INC

Established in 2012, Natural Stone Traders Inc. (NST Stone), is an emerging leader in supplying landscaping natural stone products from different parts of the world. We are now introducing modern and durable 20MM Porcelain (R-11) which is an excellent product for outdoor landscaping.

NST Stone focuses on wholesale and is based in the Greater Toronto region with its operations spread out to other parts of Canada and North America.

With a wide range of colours and sizes to choose from, you can select the perfect stone for your commercial or residential project. All our products are sourced ethically and responsibly. With no bound or child labour.



We can ensure exceptional quality, with continuous deliveries. We have in house manufacturing with production and a packaging unit. Plus exclusive tie-ups with quarry owners and logistic companies to ensure exceptional quality, with continuous deliveries all the time- every time!

Look out for new products as we are continually developing new products and finishing with the right pricing to ensure our customers are ahead of their competition. We look to hear feedback from our customers, so feel free to reach out to our sales team.





EXCELLENCE IN OUTDOOR FLOORING DESIGN

Our stone is used in North America by landscapers, contractors, designers, architects and builders. It would be our privilege to serve you with great quality products. Dealers can receive full container orders, delivered straight to their own yards. Look forward to working with you!

APPLICATION AREAS

NST PORCELAIN PAVERS collection has great strength and durability. Porcelain pavers are beautiful and stylish with various applications, both residentially as well as commercially. The 20mm pavers, when laid on a concrete base, can even be driven over with ease.



SUITABLE
FOR FLOOR



FROST
RESISTANCE



ANTI SLIP
R-11



BREAK
RESISTANCE



EASY TO
INSTALL



CHEMICAL
RESISTANCE



RESISTANCE
TO ABRASION



MAINTENANCE
FREE



LOW WATER
ABSORPTION



NO TREATMENT
REQUIRED



STAIN
RESISTANCE



FIRE
PROOF



To produce great tiles, we have to have great infrastructure. This ideology frames the base of our entire production beginning to end. We ensure the use of the best elements and resources to deliver high quality products. Our factories have the latest machinery, apparatuses and all the necessary tools required with convenience for our workers in mind and minimal wastage.

AVAILABLE SIZE



600X900MM



600X600MM



297X600MM

POSSIBLE SIZE



600X1200MM

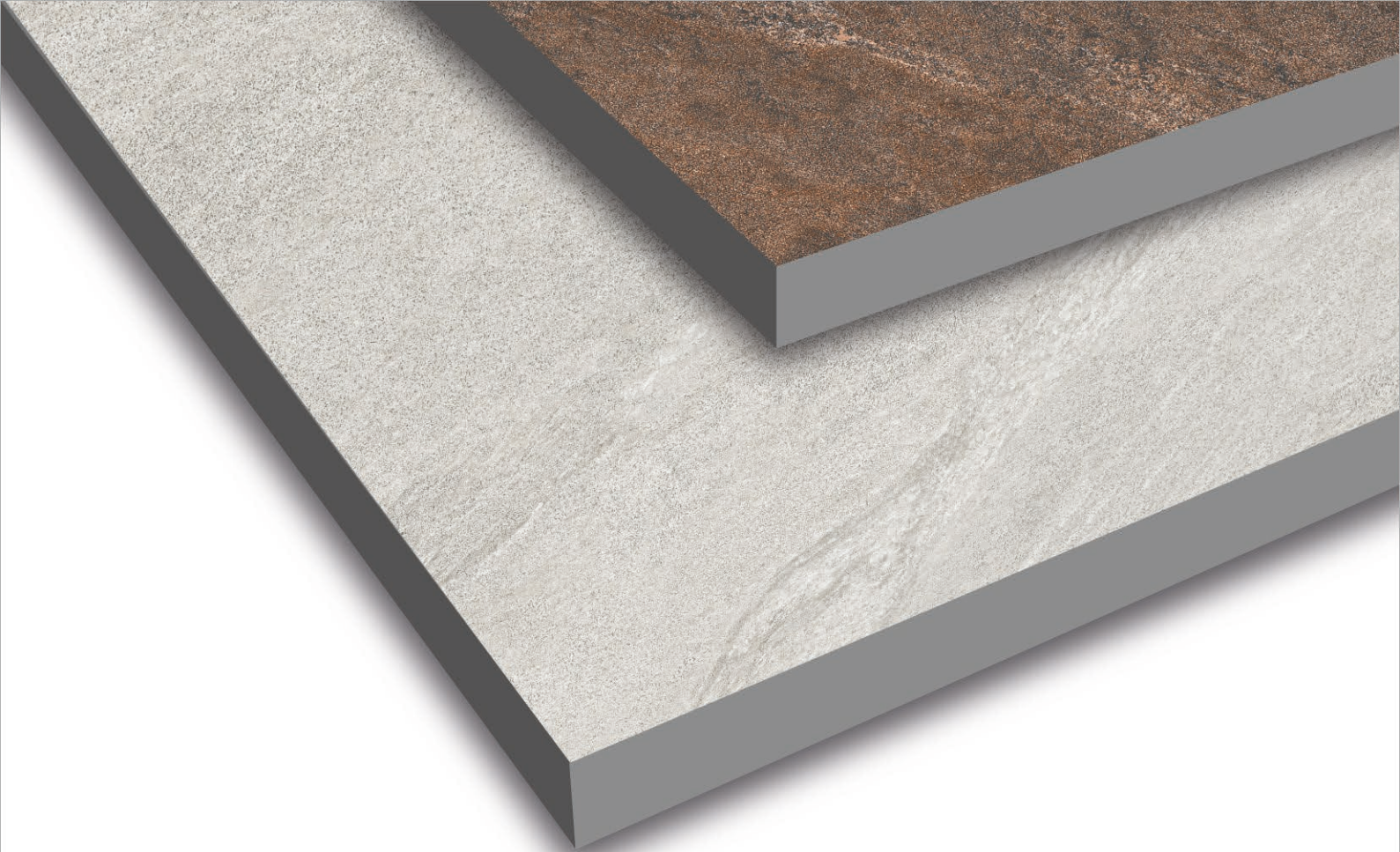


450X900MM



297X297MM

 **20 MM THICKNESS**



NST PORCELAIN PAVERS | 2.0



SUITABLE
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FROST
RESISTANCE



ANTI SLIP
R-11



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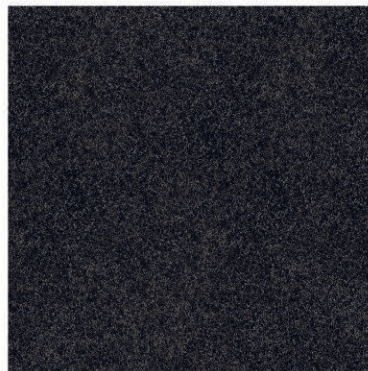
20 MM THICKNESS

With their non-slip surface and incredible strength, 20MM Porcelain tiles have become the ideal laying solution for heavy traffic on driveways, walkways in commercial areas and light traffic such as patios, swimming pools and surrounding hardscaping in external applications. 100% frost resistant and suitable for sub-zero temperatures. Completely resistant to stains, mold and moss, meaning their finish will remain as beautiful as the day it was laid.

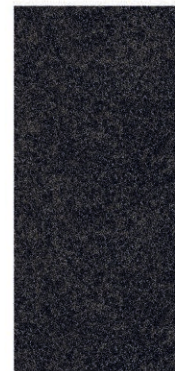
AVAILABLE SIZE



600X900MM



600X600MM



297X600MM

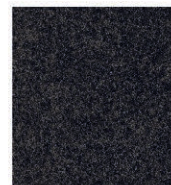
POSSIBLE SIZE



600X1200MM



450X900MM



297X297MM

 **20 MM THICKNESS**



SUITABLE FOR FLOOR



FROST RESISTANCE



ANTI SLIP R-11



BREAK RESISTANCE



EASY TO INSTALL



CHEMICAL RESISTANCE



RESISTANCE TO ABRASION



MAINTENANCE FREE



LOW WATER ABSORPTION



NO TREATMENT REQUIRED



STAIN RESISTANCE



FIRE PROOF



NST
PORCELAIN PAVERS | 2.0

AVAILABLE SIZE



600X900MM



600X600MM



297X600MM

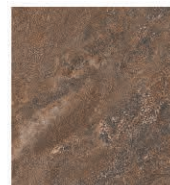
POSSIBLE SIZE



600X1200MM



450X900MM



297X297MM

± 20 MM THICKNESS



SUITABLE FOR FLOOR



FROST RESISTANCE



ANTI SLIP R-11



BREAK RESISTANCE



EASY TO INSTALL



CHEMICAL RESISTANCE



RESISTANCE TO ABRASION



MAINTENANCE FREE



LOW WATER ABSORPTION



NO TREATMENT REQUIRED



STAIN RESISTANCE



FIRE PROOF



NST
PORCELAIN PAVERS | 2.0

AVAILABLE SIZE



600X900MM



600X600MM



297X600MM

POSSIBLE SIZE



600X1200MM



450X900MM



297X297MM

± 20 MM THICKNESS



SUITABLE FOR FLOOR



FROST RESISTANCE



ANTI-SLIP R-11



BREAK RESISTANCE



EASY TO INSTALL



CHEMICAL RESISTANCE



RESISTANCE TO ABRASION



MAINTENANCE FREE



LOW WATER ABSORPTION



NO TREATMENT REQUIRED



STAIN RESISTANCE



FIRE PROOF

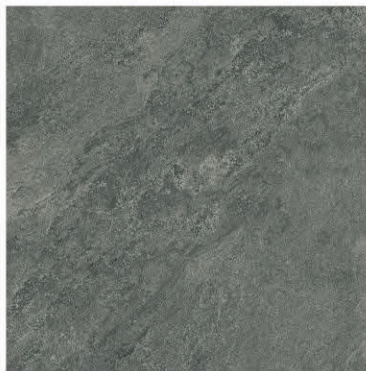


**NST
PORCELAIN PAVERS | 2.0**

AVAILABLE SIZE



600X900MM



600X600MM

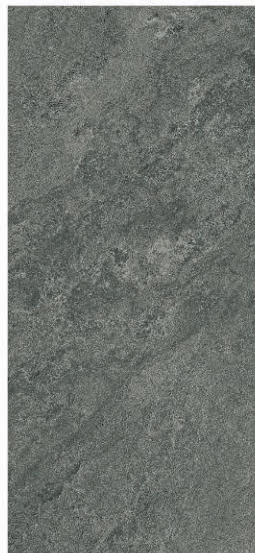


297X600MM

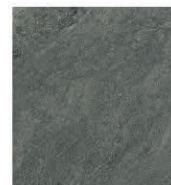
POSSIBLE SIZE



600X1200MM



450X900MM



297X297MM

 **20 MM THICKNESS**



SUITABLE FOR FLOOR



FROST RESISTANCE



ANTI SLIP R-11



BREAK RESISTANCE



EASY TO INSTALL



CHEMICAL RESISTANCE



RESISTANCE TO ABRASION



MAINTENANCE FREE



LOW WATER ABSORPTION



NO TREATMENT REQUIRED



STAIN RESISTANCE



FIRE PROOF



NST
PORCELAIN PAVERS | 2.0

AVAILABLE SIZE



600X900MM



600X600MM



297X600MM

POSSIBLE SIZE



600X1200MM



450X900MM



297X297MM

± 20 MM THICKNESS



SUITABLE FOR FLOOR



FROST RESISTANCE



ANTI-SLIP R-11



BREAK RESISTANCE



EASY TO INSTALL



CHEMICAL RESISTANCE



RESISTANCE TO ABRASION



MAINTENANCE FREE



LOW WATER ABSORPTION



NO TREATMENT REQUIRED



STAIN RESISTANCE



FIRE PROOF



**NST
PORCELAIN PAVERS | 2.0**

AVAILABLE SIZE



600X900MM



600X600MM

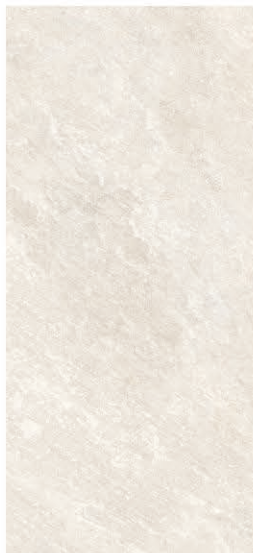


297X600MM

POSSIBLE SIZE



600X1200MM



450X900MM



297X297MM

✚ 20 MM THICKNESS



SUITABLE FOR FLOOR



FROST RESISTANCE



ANTI SLIP R-11



BREAK RESISTANCE



EASY TO INSTALL



CHEMICAL RESISTANCE



RESISTANCE TO ABRASION



MAINTENANCE FREE



LOW WATER ABSORPTION



NO TREATMENT REQUIRED



STAIN RESISTANCE



FIRE PROOF



**NST
PORCELAIN PAVERS | 2.0**

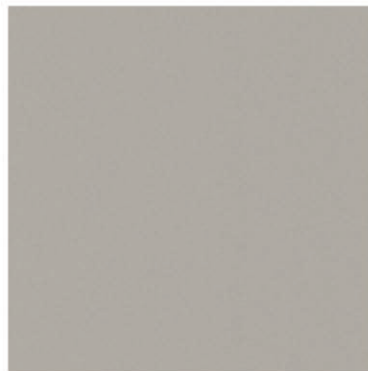


NST KANDLA GREY HONED

AVAILABLE SIZE



600X900MM



600X600MM



297X600MM

POSSIBLE SIZE



600X1200MM



450X900MM



297X297MM

✚ 20 MM THICKNESS



SUITABLE FOR FLOOR



FROST RESISTANCE



ANTI-SLIP R11



BREAK RESISTANCE



EASY TO INSTALL



CHEMICAL RESISTANCE



RESISTANCE TO ABRASION



MAINTENANCE FREE



LOW WATER ABSORPTION



NO TREATMENT REQUIRED



STAIN RESISTANCE



FIRE PROOF



NST
PORCELAIN PAVERS | 2.0

AVAILABLE SIZE



600X900MM



600X600MM



297X600MM

POSSIBLE SIZE



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297X297MM

✚ 20 MM THICKNESS



SUITABLE FOR FLOOR



FROST RESISTANCE



ANTI SLIP R-11



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EASY TO INSTALL



CHEMICAL RESISTANCE



RESISTANCE TO ABRASION



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LOW WATER ABSORPTION



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FIRE PROOF



NST
PORCELAIN PAVERS | 2.0

AVAILABLE SIZE



600X900MM



600X600MM



297X600MM

POSSIBLE SIZE



600X1200MM



450X900MM



297X297MM

± 20 MM THICKNESS



SUITABLE FOR FLOOR



FROST RESISTANCE



ANTI SLIP R-11



BREAK RESISTANCE



EASY TO INSTALL



CHEMICAL RESISTANCE



RESISTANCE TO ABRASION



MAINTENANCE FREE



LOW WATER ABSORPTION



NO TREATMENT REQUIRED



STAIN RESISTANCE



FIRE PROOF



NST
PORCELAIN PAVERS | 2.0

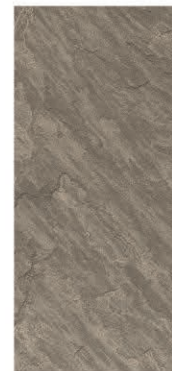
AVAILABLE SIZE



600X900MM



600X600MM



297X600MM

POSSIBLE SIZE



600X1200MM



450X900MM



297X297MM

± 20 MM THICKNESS



SUITABLE FOR FLOOR



FROST RESISTANCE



ANTI SLIP R-11



BREAK RESISTANCE



EASY TO INSTALL



CHEMICAL RESISTANCE



RESISTANCE TO ABRASION



MAINTENANCE FREE



LOW WATER ABSORPTION



NO TREATMENT REQUIRED



STAIN RESISTANCE



FIRE PROOF

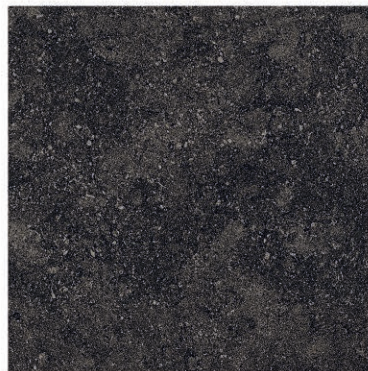


NST
PORCELAIN PAVERS | 2.0

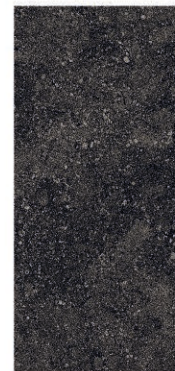
AVAILABLE SIZE



600X900MM

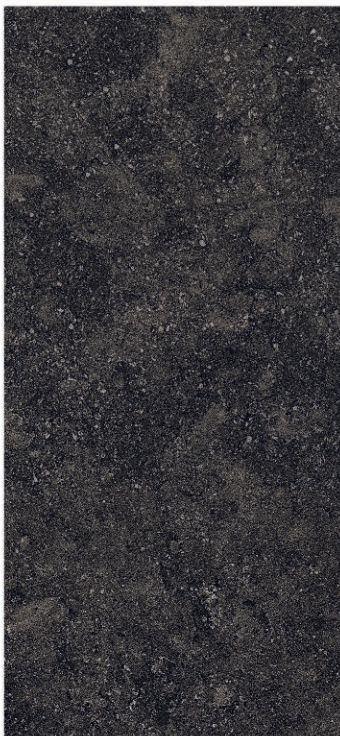


600X600MM



297X600MM

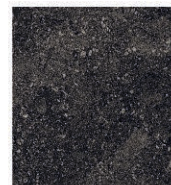
POSSIBLE SIZE



600X1200MM



450X900MM



297X297MM

 **20 MM THICKNESS**



SUITABLE FOR FLOOR



FROST RESISTANCE



ANTI SLIP R-11



BREAK RESISTANCE



EASY TO INSTALL



CHEMICAL RESISTANCE



RESISTANCE TO ABRASION



MAINTENANCE FREE



LOW WATER ABSORPTION



NO TREATMENT REQUIRED



STAIN RESISTANCE



FIRE PROOF



NST
PORCELAIN PAVERS | 2.0

AVAILABLE SIZE



600X900MM



600X600MM



297X600MM

POSSIBLE SIZE



600X1200MM



450X900MM



297X297MM

± 20 MM THICKNESS



SUITABLE FOR FLOOR



FROST RESISTANCE



ANTI SLIP R-11



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CHEMICAL RESISTANCE



RESISTANCE TO ABRASION



MAINTENANCE FREE



LOW WATER ABSORPTION



NO TREATMENT REQUIRED



STAIN RESISTANCE



FIRE PROOF

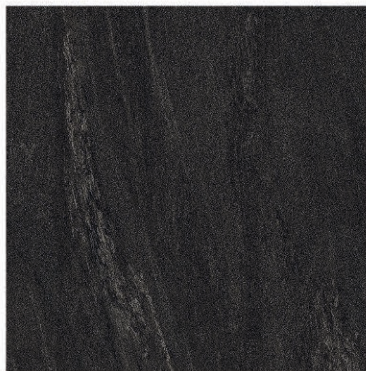


**NST
PORCELAIN PAVERS | 2.0**

AVAILABLE SIZE



600X900MM



600X600MM



297X600MM

POSSIBLE SIZE



600X1200MM



450X900MM



297X297MM

 **20 MM THICKNESS**



SUITABLE FOR FLOOR



FROST RESISTANCE



ANTI SLIP R-11



BREAK RESISTANCE



EASY TO INSTALL



CHEMICAL RESISTANCE



RESISTANCE TO ABRASION



MAINTENANCE FREE



LOW WATER ABSORPTION



NO TREATMENT REQUIRED



STAIN RESISTANCE



FIRE PROOF



NST
PORCELAIN PAVERS | 2.0

AVAILABLE SIZE



600X900MM



600X600MM



297X600MM

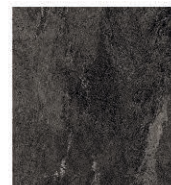
POSSIBLE SIZE



600X1200MM



450X900MM



297X297MM

 **20 MM THICKNESS**



SUITABLE FOR FLOOR



FROST RESISTANCE



ANTI SLIP R-11



BREAK RESISTANCE



EASY TO INSTALL



CHEMICAL RESISTANCE



RESISTANCE TO ABRASION



MAINTENANCE FREE



LOW WATER ABSORPTION



NO TREATMENT REQUIRED



STAIN RESISTANCE



FIRE PROOF



NST Stone
Natural Stone & More

**NST
PORCELAIN PAVERS | 2.0**

BAKED TO PERFECTION AT 1200°C.

DRY LAYING

Put dry in support



GRASSY GROUND

To lay the paving, place the tiles in a stepping stone arrangement. It is important to estimate the numbers of stepping stone needed to complete the path, then arrange the tiles at an equal distance apart.



GRAVEL

Lay the tiles on gravel to obtain an even surface with minimal joints of 5mm even on large areas, guaranteeing excellent rainwater run-off.



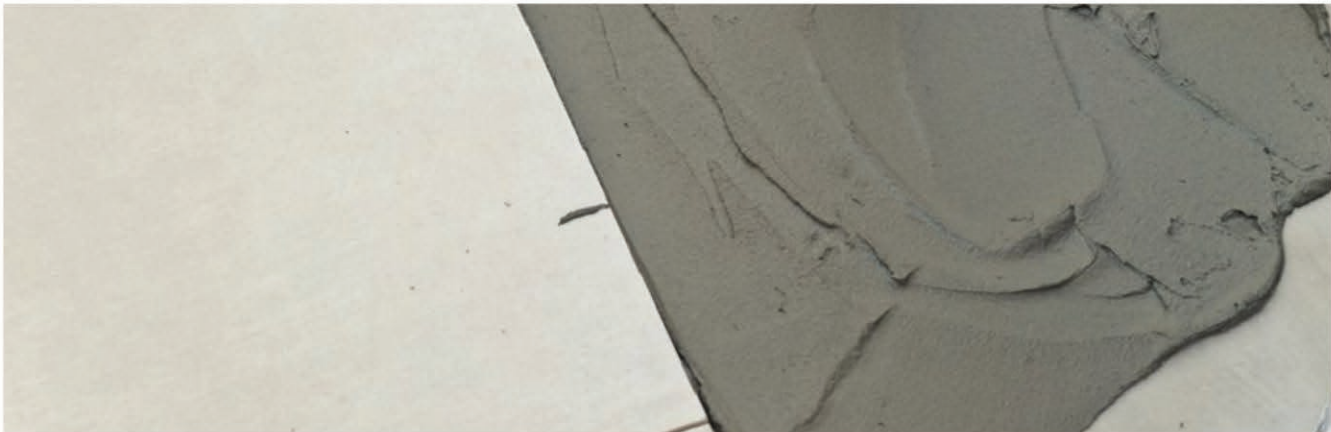
SAND

Keep the sand wet at the time of laying to get the perfect even surface.



LAYING ON WET SAND WITH CEMENT

Put your fresh fresco with mixed cement



TRADITIONAL WAY OF LAYING WITH ADHESIVE

CX1 is grey cement based polymer modified quick set tile adhesive. It gives excellent bond on cementitious surfaces like concrete and plaster. CX1 Adhesive forms a waterproof barrier between two surfaces and has excellent 'grab' properties.

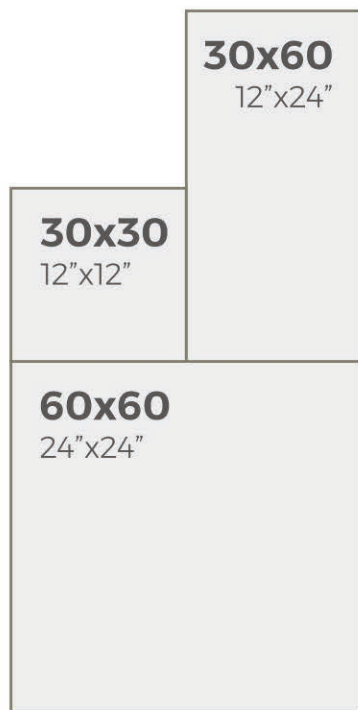


RAISED LAYING WITH SUPPORT - PEDESTAL

An extremely easy system to inspect that allows for the installation of a system of irrigation, pipes, cables and lighting below the floor. Slabs are repositionable to facilitate maintenance of the underlying items.

MODULE SERVICE

DIFFERENT SIZES, GREATER FREEDOM.
CUSTOMIZE YOUR PAVING. CHOOSE YOUR COLOR

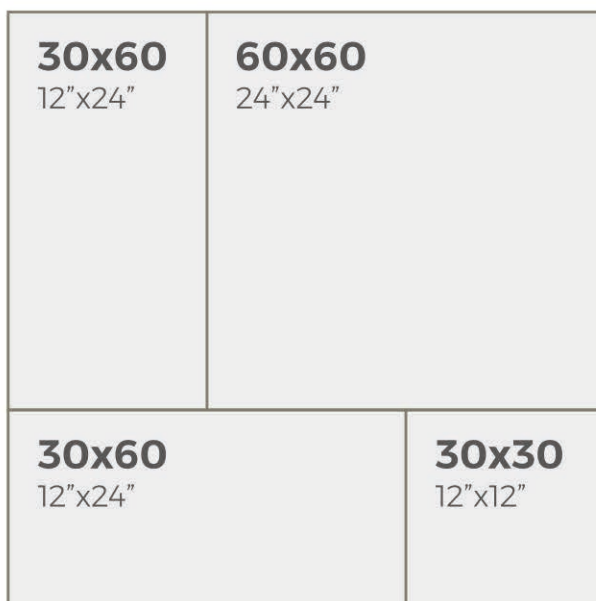


Module 3*

60x60 = 57%

30x30 = 14%

30x60 = 29%



Module 4*

60x60 = 44%

30x60 = 45%

30x30 = 11%

NATURAL STONE TRADERS INC



MODULE SERVICE

DIFFERENT SIZES, GREATER FREEDOM.
CUSTOMIZE YOUR PAVING. CHOOSE YOUR COLOR

Module 5*

- 90x60 = 56%
- 60x60 = 25%
- 30x60 = 13%



NATURAL STONE TRADERS INC



Module 1*

- 60x120 = 40%
- 60x60 = 20%
- 60x90 + 30x60 = 40%



Module 2*

- 60x60 = 50%
- 30x60 = 50%



CLEANING TIPS

The following table lists the cleaning products best suited to each type of stain.

Type of stain	Cleaning agent
Cement and calcareous residues	Cleaning products based on descaling acids
Oxide deposits	Descaling
Oils	Universal solvent, turpentine, acetone, alcohol
Fat	Ammonia, universal solvent, turpentine, acetone, alcohol
Tar or bitumen	Universal solvent, turpentine, acetone, alcohol
Painting	Universal solvent, turpentine, acetone, alcohol
Rubber or rubber	Universal solvent, turpentine, acetone, alcohol
Beer or wine	Ammonia, descaler
Iodo	Dilute bleach
Blood	Dilute bleach
Coffee, tea or juice	Universal solvent, turpentine, acetone, alcohol
Ink or mercromine	Universal solvent, turpentine, acetone, alcohol
Nicotine	Universal solvent, turpentine, acetone, alcohol, hydrogen peroxide, diluted bleach

DISCLAIMER : SUGGESTIVE RECOMENDATION ONLY



TECHNICAL SPECIFICATION



Sr.No	CHARACTERISTICS	STANDARD AS PER IS 15622:2006 GROUP	MEAN VALUE OF VITRIFIED TILES
Regulatory Properties			
1	Deviation in Length & Width	±0.5%	±0.1%
2	Deviation in Thickness	±5.0%	±3.0%
3	Straightness of Sides	±0.5%	±0.1%
4	Rectrangularity	±0.5%	±0.1%
5	Surface Flatness	±0.5%	±0.2%
6	Glossiness	As per mfg.	Matt surface
Structural Properties			
7	Water Absorption	<0.5%	≤0.10%
8	Apparent Density	>2.0 g/cc	>2.10 g/cc
Massive Mechanical Properties			
9	Modulus Rupture	Min. 35 N/mm ²	Min. 40 N/mm ²
10	Impact Resistance	As per mfg.	Min. 0.55
Surface Mechanical Properties			
11	Surface abrasion resistance	As per mfg.	Min. Class 5
12	MOH's Hardness	As per mfg.	Min. 5
Thermo Hydrometric Properties			
13	Frost Resistance	No Damage	No Damage
14	Thermal Shock Resistance	No Damage	No Damage
15	Moisture Expansion	Nil	Nil
16	Crazing Resistance	No Damage	Min. 10 Cycle
Chemical Properties			
17	Chemical Resistance	No Damage	No Damage
18	Stain Resistance	Resistance	Resistance
Safety Properties			
19	Anti Skid (COF)	As per mfg.	Matt <0.75
20	Fire Resistance	As per mfg.	Fire Proof

PAKING DETAILS

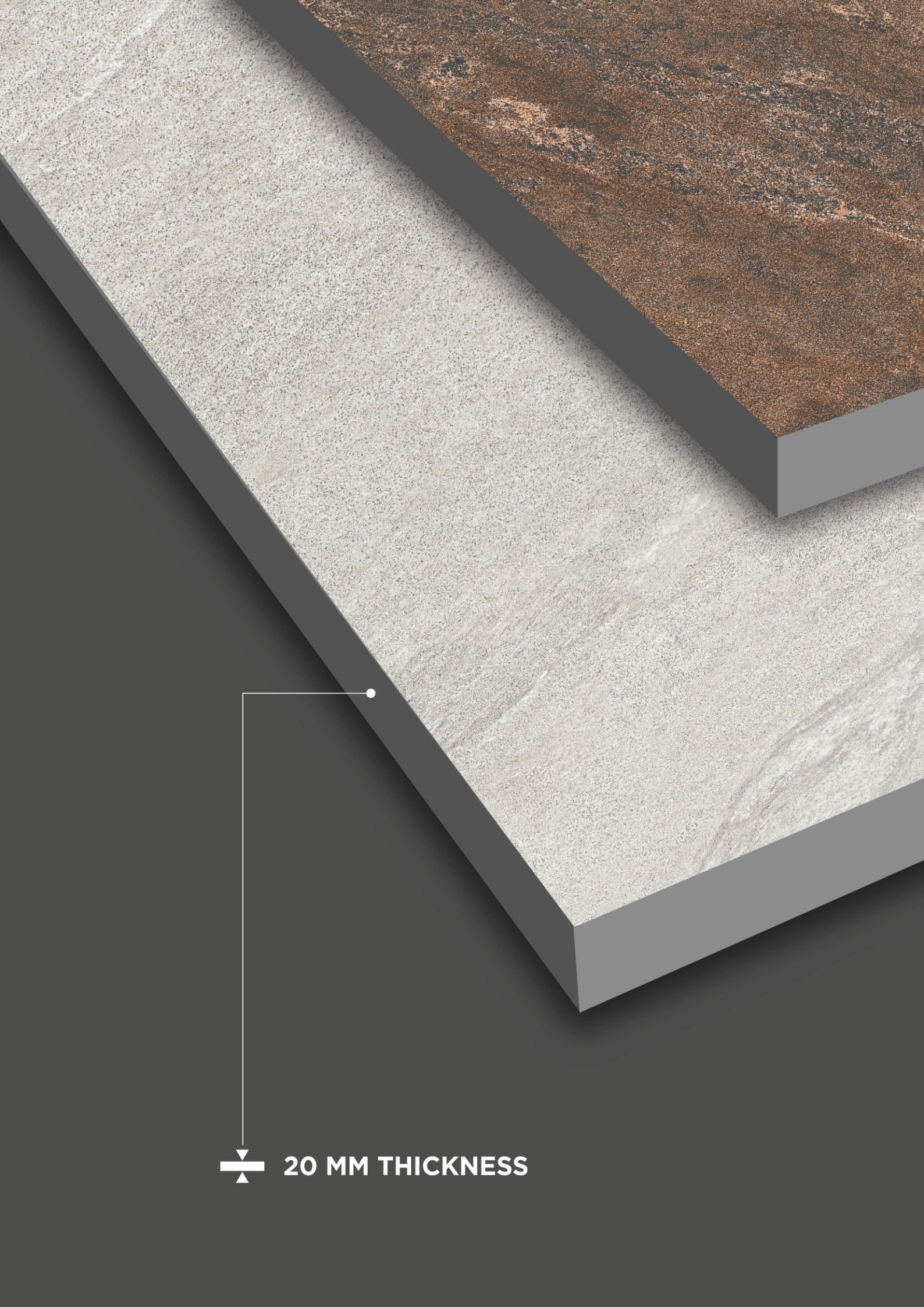
THICKNESS	SIZE	PIECE PER BOX	BOX WEIGHT (Kg.)
20MM	300X300MM	4	17.0 Kg.
20MM	300X600MM	4	34.0 Kg.
20MM	600X450MM	2	24.0 Kg.
20MM	600X600MM	2	34.0 Kg.
20MM	600X900MM	1	25.0 Kg.
20MM	600X1200MM	1	35.0 Kg.

COLOR WARNING

Color shades shown in this catalog are merely indicative because the printed output undergoes significant changes compared to the original color. The color shade of the slab can vary between different sizes of the same color.

LAYING ADVICE

It is advisable to create the appropriate Horizontal and longitudinal gradients during levelling or compacting, in order to ensure optimal drainage of the floor. We recommend the incorporation of a drainage substrate in order to facilitate runoff and prevent water pooling. It is also advisable to lay the slabs with a minimum joint of 3mm. Given the frost resistance of porcelain stoneware, the L'Altra Pietra series offer a water absorption value closed to zero. This property could lead to localised pooling of water on the floor, even if the slabs are laid properly.



 20 MM THICKNESS



NST PORCELAIN PAVERS | 2.0

Designing stone for outdoor spaces is our speciality so you can focus on designing the outdoor spaces themselves. A beautifully designed space can uplift the spirits of those that reside in them and for those that visit. We are more than happy to help provide high quality stone and give samples to aid in your planning process. Our aim is to make your life easier and help create lavish and spectacular landscapes. Please reach out to us today for more details.



Yard Address
14004, Woodbine Ave.
Stouffville, ON L0H 1G0
647 287 7869 | 647 622 5205

www.naturalstonetraders.ca



We Create Stone Wonders