



HEAVY DUTY OUTDOOR TILES

A gorgeous
space
created
with nature

ABOUT us





Ceramic Tiles have been an integral part of mankind since immemorial. Ceramic tiles have survived the rise and fall of civilization and with each upheaval have added a new dimension to their properties. Today they are an integrated part of modern living combining the winning qualities of beauty and value for money.

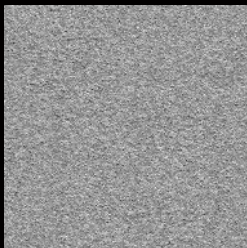
It has united the toughness of ceramic tiles with modern technological advances and customer aspiration to produce a range that is vast in choice. With over a decade experience in this field and in depth knowledge of markets both in India and abroad, the promoters have set up a world class integrated production facility to manufacture and supply high quality ceramic tiles. The designs, size, colours and surface finishes will be made keeping in mind the needs of the Indian as well as overseas consumers. Over the years, the company has built a solid customer base and a reputation both for itself and its product. Trust, quality and reliability have been the watchwords of the company plan to continue fulfilling the expectation of their vast array of customers. Total customer satisfaction via adoption of Quality Management Systems in all spheres of activity guarantee adherence to pre-decided standards. The company nurtures each relationship be it with the trade, consumers or suppliers. This has established as a reliable and trust worthy entity capable of overcoming market challenges.



PUNCH- RUSTIC SERIES

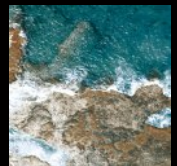
12 MM THICKNESS

An
elegant
style for
your taste



PUNCH

400X
400 MM



PARKING



GARDEN



WALKWAY



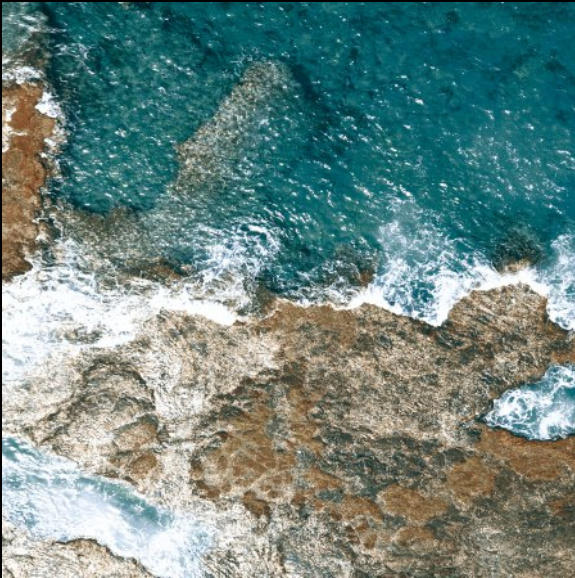
OUTDOOR



PUNCH- RUSTIC SERIES

400X400 MM

12 MM THICKNESS



2001- R

PUNCH



2013- R

PUNCH



2014- R

PUNCH

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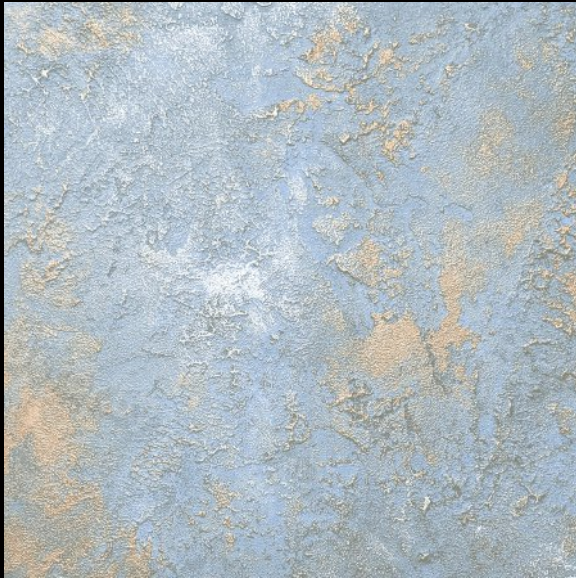




PUNCH- RUSTIC SERIES

400X400 MM

12 MM THICKNESS



2002- LT

PUNCH



2004- LT

PUNCH



2002- DK

PUNCH



2004- DK

PUNCH

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2003- LT

PUNCH



2003- DK

400X400 MM

12 MM THICKNESS

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PUNCH- RUSTIC SERIES

400X400 MM

12 MM THICKNESS



2005- LT

PUNCH



2007- LT

PUNCH



2005- DK

PUNCH



2007- DK

PUNCH

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2006- LT

PUNCH



2006- DK

400X400 MM

12 MM THICKNESS



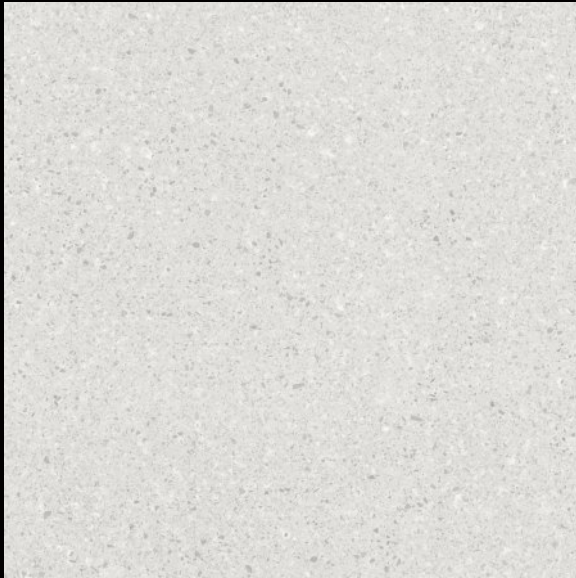
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PUNCH- RUSTIC SERIES

400X400 MM

12 MM THICKNESS



2008- LT

PUNCH



2009- LT

PUNCH



2008- DK

PUNCH



2009- DK

PUNCH

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PUNCH- RUSTIC SERIES

400X400 MM

12 MM THICKNESS



2010- LT

PUNCH



2010- DK

PUNCH

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2011- LT

PUNCH

2011- DK

400X400 MM

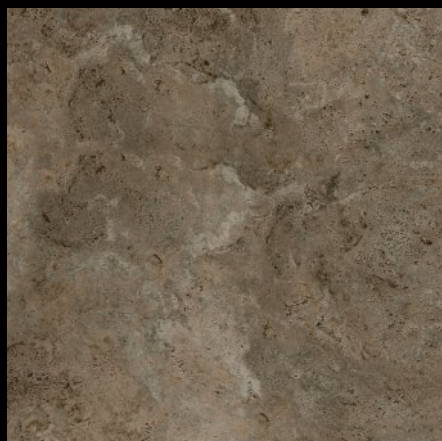
12 MM THICKNESS

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2012- LT

PUNCH



2012- DK

400X400 MM

12 MM THICKNESS



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PUNCH- RUSTIC SERIES

400X400 MM

12 MM THICKNESS



2015- LT

PUNCH



2017- LT

PUNCH



2015- DK

PUNCH



2017- DK

PUNCH

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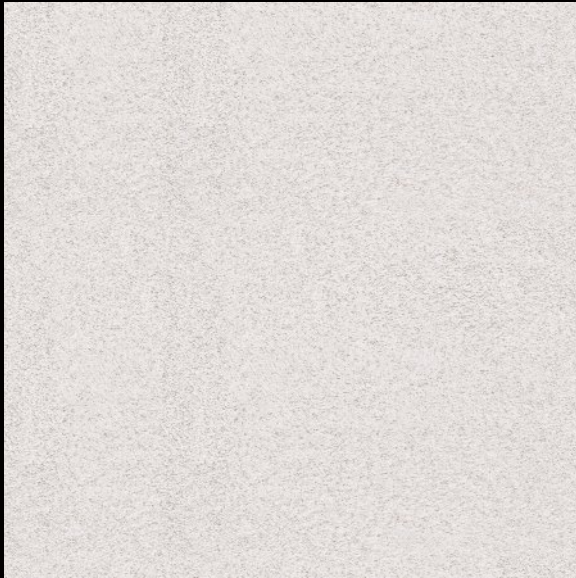




PUNCH- RUSTIC SERIES

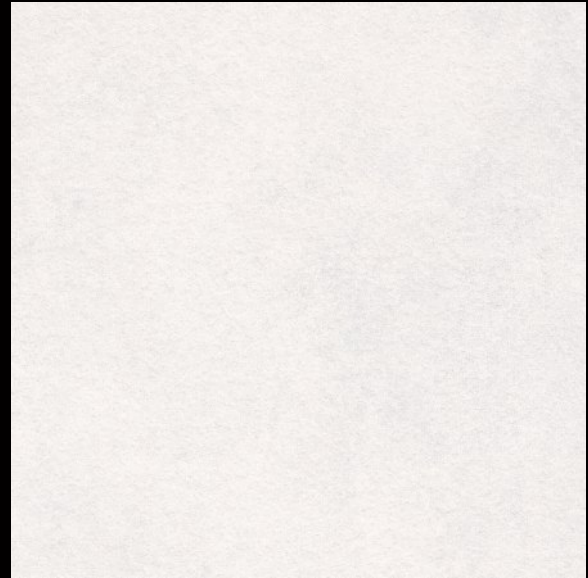
400X400 MM

12 MM THICKNESS



2018- LT

PUNCH



2021- LT

PUNCH



2018- DK

PUNCH



2021- DK

PUNCH

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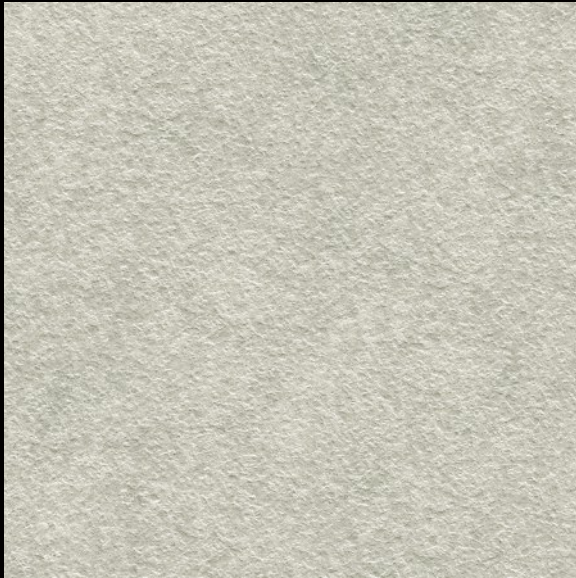




PUNCH- RUSTIC SERIES

400X400 MM

12 MM THICKNESS



2022- LT

PUNCH



2023- LT

PUNCH



2022- DK

PUNCH



2023- DK

PUNCH

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PUNCH- RUSTIC SERIES

400X400 MM

12 MM THICKNESS



2024- LT

PUNCH



2024- DK

PUNCH

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PUNCH- RUSTIC SERIES

400X400 MM

12 MM THICKNESS



2025

PUNCH



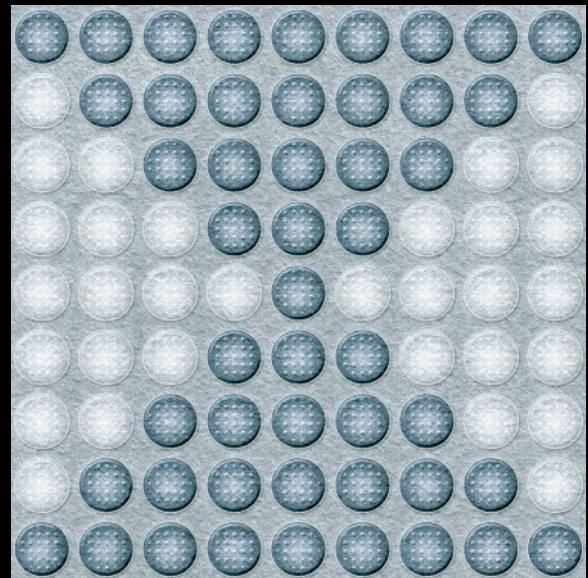
2026

PUNCH



2027

PUNCH



2028

PUNCH

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OUTDOOR TILES

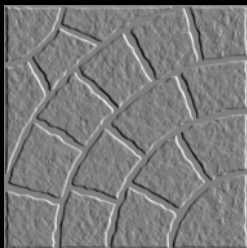




PUNCH- ROUND SERIES

12 MM THICKNESS

An
elegant
style for
your taste



PUNCH

400X
400 MM



PARKING



GARDEN



WALKWAY



OUTDOOR





PUNCH- ROUND SERIES

400X400 MM

12 MM THICKNESS



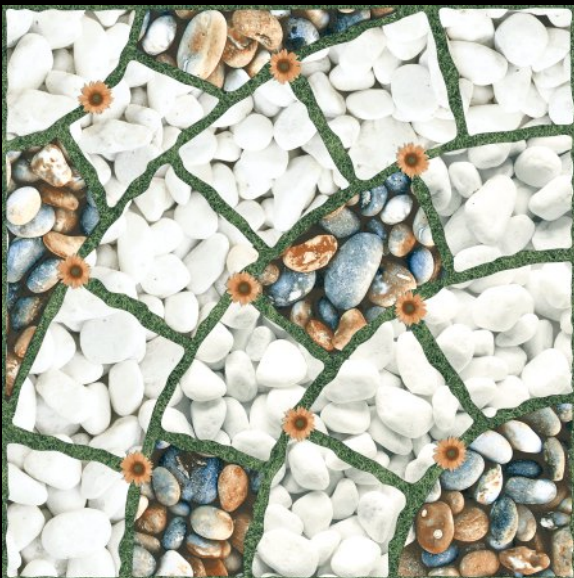
2101

PUNCH



2102

PUNCH



2103

PUNCH



2104

PUNCH

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PUNCH- ROUND SERIES

400X400 MM

12 MM THICKNESS



2105

PUNCH



2106

PUNCH



2108

PUNCH



2109

PUNCH

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OUTDOOR TILES



2107

PUNCH



400X400 MM

12 MM THICKNESS



HEAVY DUTY
OUTDOOR TILES



PUNCH- ROUND SERIES

400X400 MM

12 MM THICKNESS



2110

PUNCH



2111

PUNCH



2112

PUNCH



2114

PUNCH

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2113

PUNCH



400X400 MM

12 MM THICKNESS

HEAVY DUTY
OUTDOOR TILES





PUNCH- ROUND SERIES

400X400 MM

12 MM THICKNESS



2115

PUNCH



2116

PUNCH

HEAVY DUTY
OUTDOOR TILES

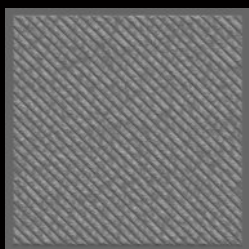




PUNCH- LINER SERIES

12 MM THICKNESS

An
elegant
style for
your taste



PUNCH

400X
400 MM



PARKING



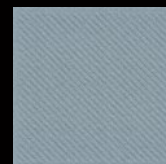
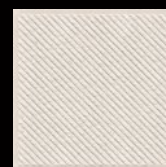
GARDEN



WALKWAY



OUTDOOR





PUNCH- LINER SERIES

400X400 MM

12 MM THICKNESS



2201- LT

PUNCH



2202- DK

PUNCH



2201- DK

PUNCH

HEAVY DUTY
OUTDOOR TILES





PUNCH- LINER SERIES

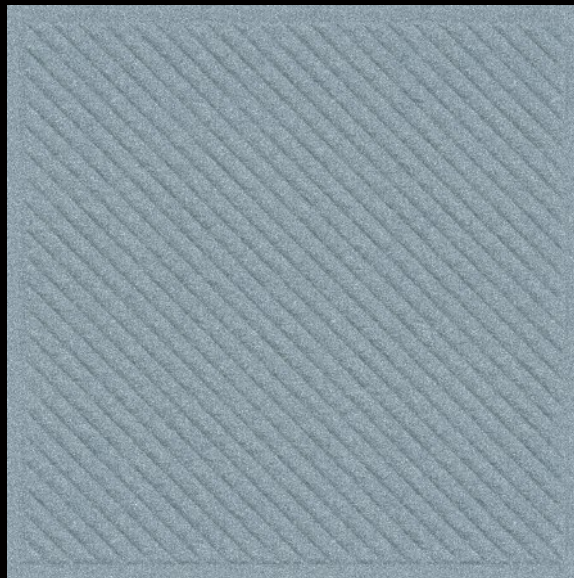
400X400 MM

12 MM THICKNESS



2204- LT

PUNCH



2204- DK

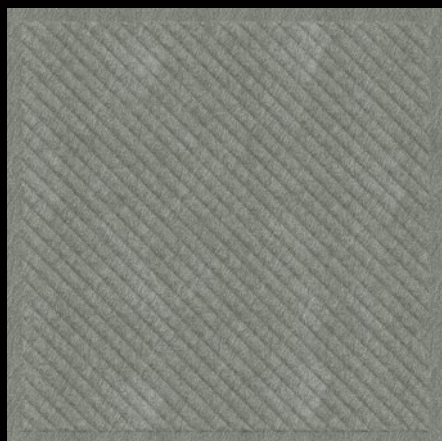
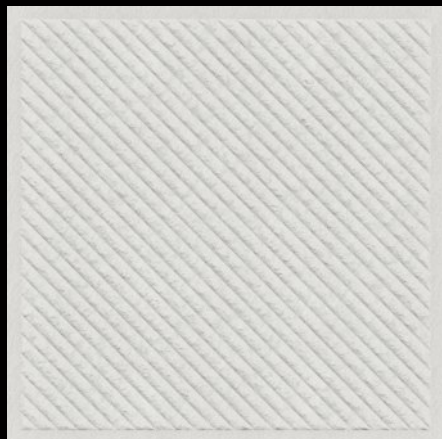
PUNCH

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2203- LT

PUNCH



2203- DK

400X400 MM

12 MM THICKNESS



HEAVY DUTY
OUTDOOR TILES



PUNCH- LINER SERIES

400X400 MM

12 MM THICKNESS



2208

PUNCH



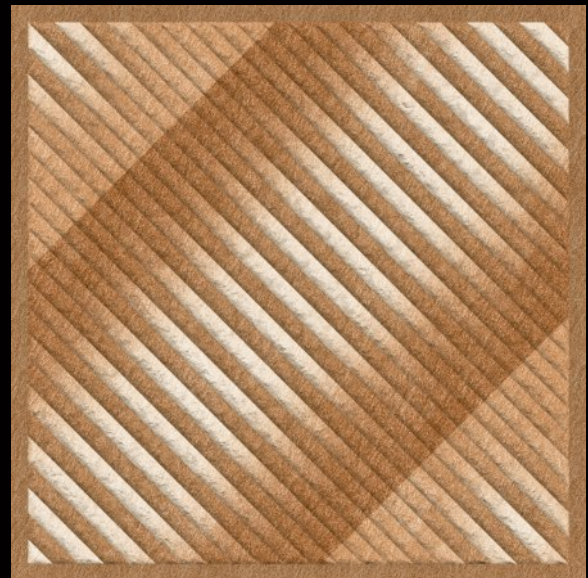
2209

PUNCH



2210

PUNCH



2211

PUNCH

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2207

PUNCH



400X400 MM

12 MM THICKNESS

HEAVY DUTY
OUTDOOR TILES

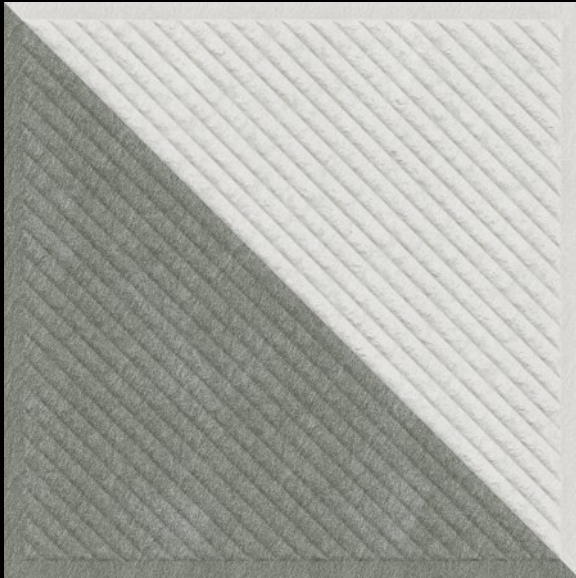




PUNCH- LINER SERIES

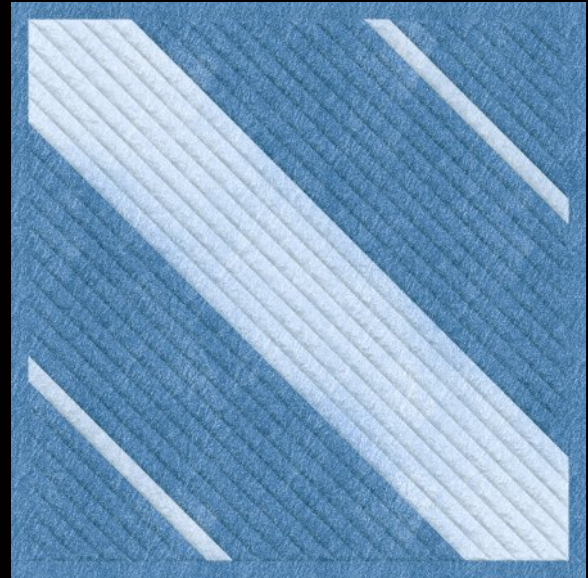
400X400 MM

12 MM THICKNESS



2212

PUNCH



2213

PUNCH



2214

PUNCH

HEAVY DUTY
OUTDOOR TILES

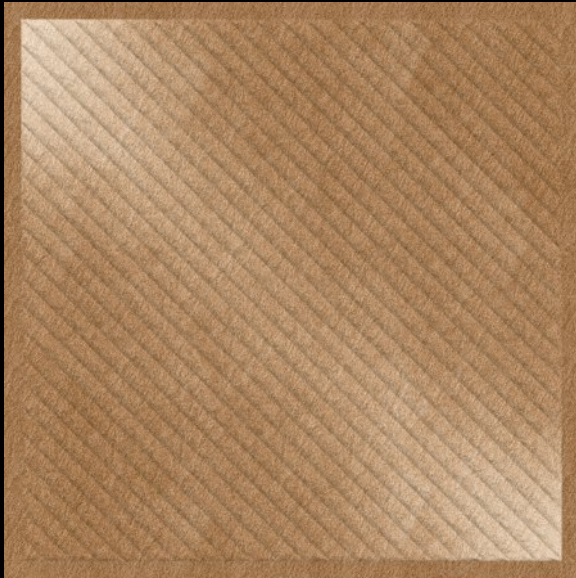




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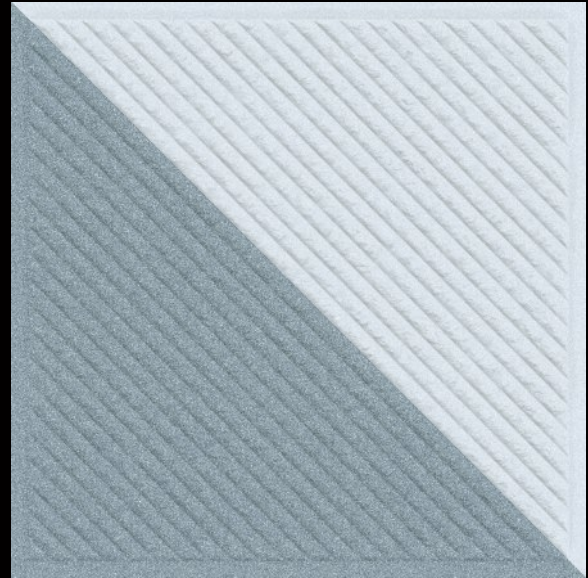
400X400 MM

12 MM THICKNESS



2215

PUNCH



2217

PUNCH



2218

PUNCH



2219

PUNCH

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400X400 MM

12 MM THICKNESS



HEAVY DUTY
OUTDOOR TILES



PUNCH- LINER SERIES

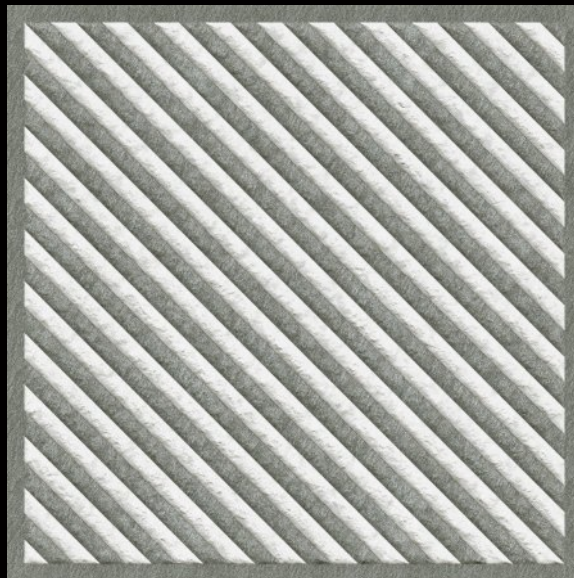
400X400 MM

12 MM THICKNESS



2220

PUNCH



2221

PUNCH

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OUTDOOR TILES

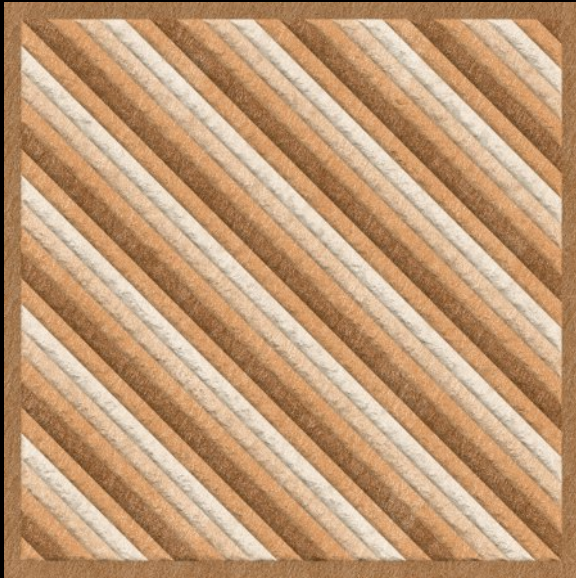




PUNCH- LINER SERIES

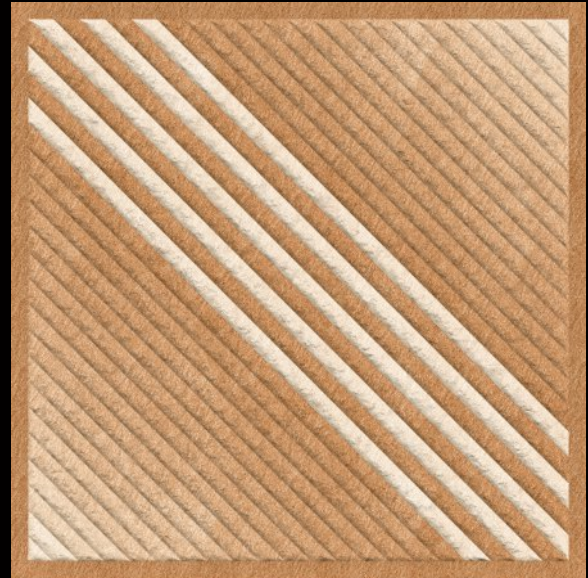
400X400 MM

12 MM THICKNESS



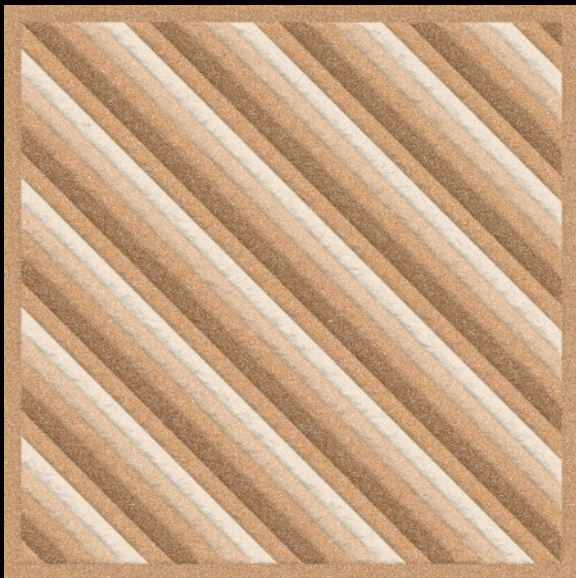
2224

PUNCH



2225

PUNCH



2227

PUNCH



2228

PUNCH

HEAVY DUTY
OUTDOOR TILES

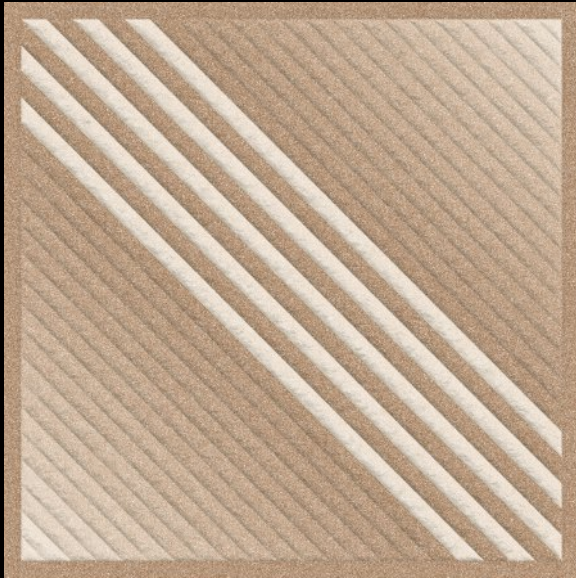




PUNCH- LINER SERIES

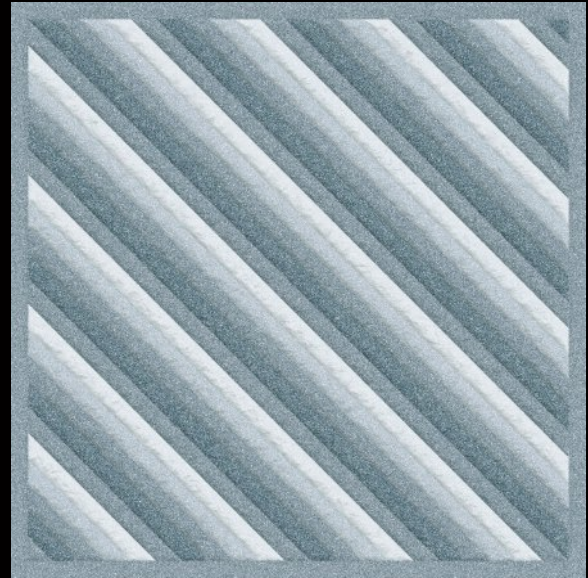
400X400 MM

12 MM THICKNESS



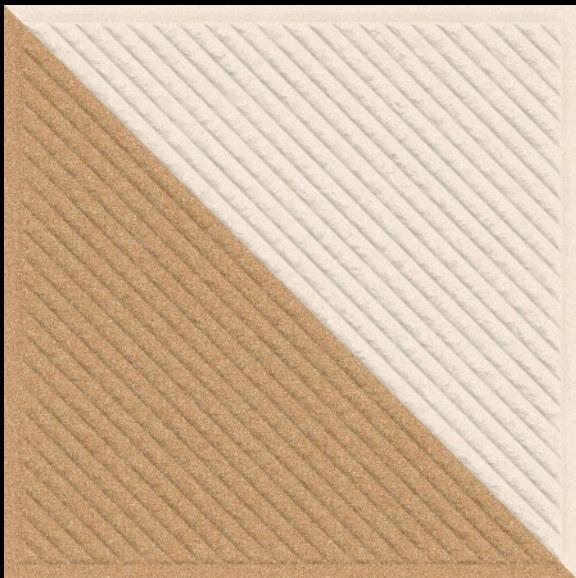
2229

PUNCH



2230

PUNCH



2233

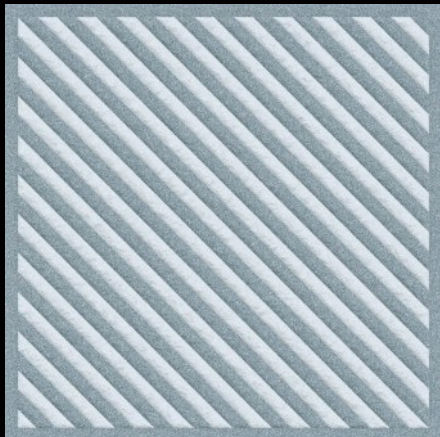
PUNCH

HEAVY DUTY
OUTDOOR TILES



2231

PUNCH



400X400 MM

12 MM THICKNESS



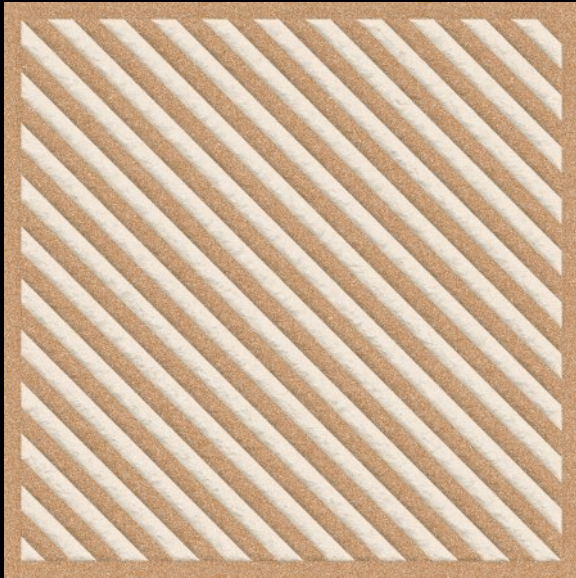
HEAVY DUTY
OUTDOOR TILES



PUNCH- LINER SERIES

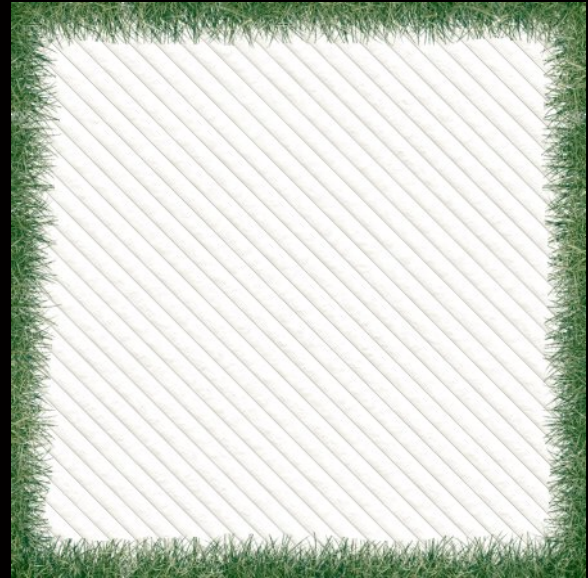
400X400 MM

12 MM THICKNESS



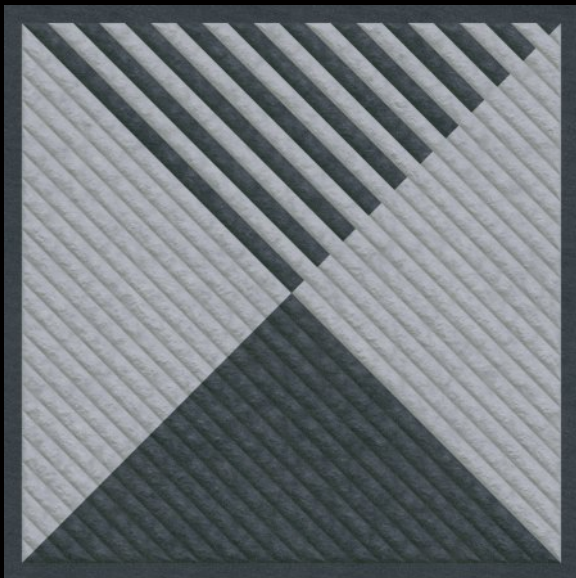
2234

PUNCH



2237

PUNCH



2238

PUNCH

HEAVY DUTY
OUTDOOR TILES

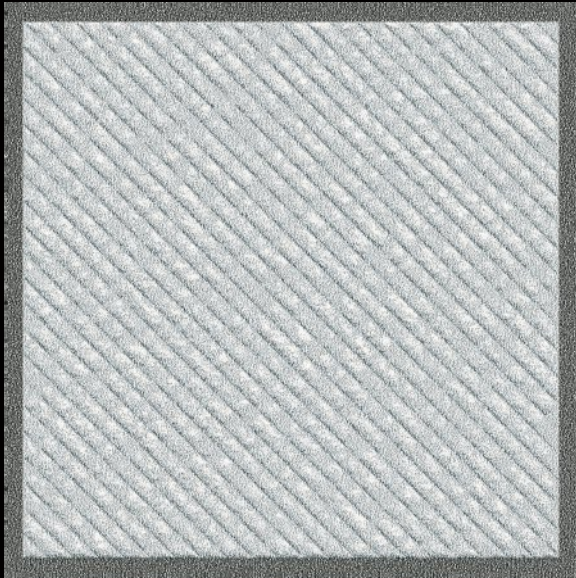




PUNCH- LINER SERIES

400X400 MM

12 MM THICKNESS



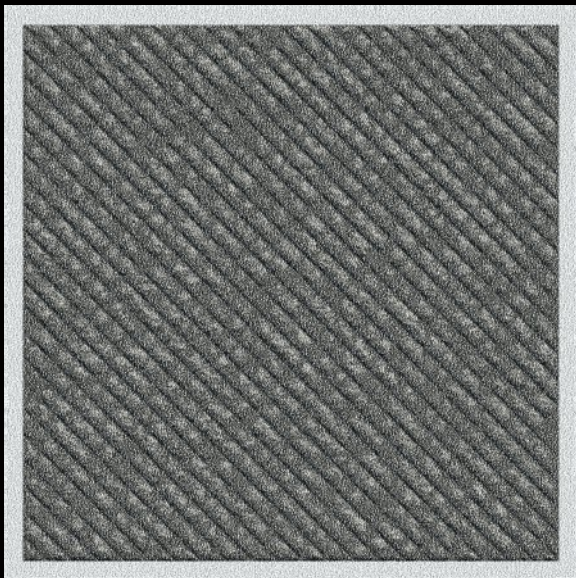
2235- LT

PUNCH



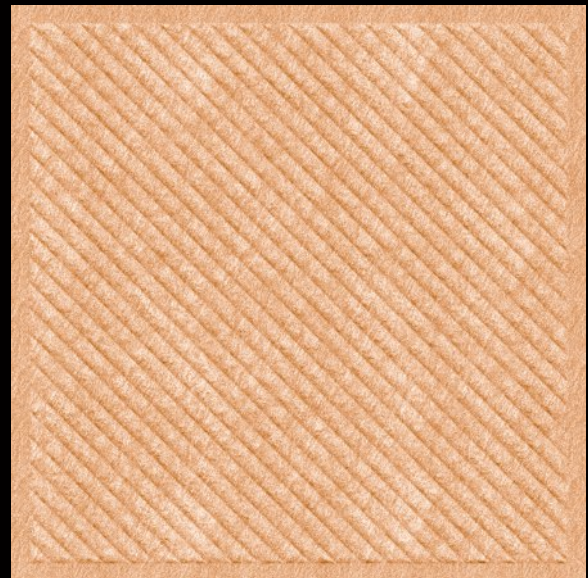
2236- LT

PUNCH



2235- Dk

PUNCH



2236- DK

PUNCH

HEAVY DUTY
OUTDOOR TILES



TECHNICAL SPECIFICATIONS

CHARACTERISTIC	STANDARD AS PER ISO-13006/EN 14411 GROUP BIa	MEAN VALUE OF POLISHED GVT	MEAN VALUE OF GVT / PGVT	TEST METHOD
REGULATORY PROPERTIES				
Deviation in length & width	±0.5 %	±0.1 %	±0.1 %	ISO-10545-2
Deviation in thickness	±5.0 %	±4.0 %	±4.0 %	ISO-10545-2
Straightness in side	±0.5 %	±0.1 %	±0.1 %	ISO-10545-2
Rectangularity	±0.5 %	±0.1 %	±0.1 %	ISO-10545-2
Surface flatness	±0.5 %	±0.2 %	±0.2 %	ISO-10545-2
Color difference	Unaltered	No change	No change	ISO-10545-16
Glossiness	As per mfg	Min 90%	Min 4%	GLOSSOMETER
STRUCTURAL PROPERTIES				
Water absorption	< 0.50 %	< 0.20 %	< 0.20 %	ISO-10545-3
Apparent density	> 2.0 g/cc	>2.10 g/cc	>2.10 g/cc	DIN 51082
MASSIVE MECHANICAL PROPERTIES				
	Min. 35 N/mm	Min. 40 N/mm ²	Min. 40 N/mm ²	ISO-10545-4
Breaking strength	Min. 1300 N	Min. 2000 N	Min. 2000 N	ISO-10545-4
Impact resistance	As per mfg	Min. 0.55	Min. 0.55	ISO-10545-5
SURFACE MECHANICAL PROPERTIES				
Surface abrasion resistance	As per mfg	Min. Class-3	Min. Class-4	ISO-10545-7
MOH's hardness	As per mfg	Min. 4	Min. 5	EN 101
THERMO HYDROMETRIC PROPERTIES				
Frost resistance	No damage	No damage	No damage	ISO-10545-12
Thermal shock resistance	No damage	No damage	No damage	ISO-10545-9
Moisture expansion	Nil	Nil	Nil	ISO-10545-10
Thermal expansion (COE)	Max. 9.0 x 10 ⁻⁶	Max. 6.5x10 ⁻⁶	Max. 6.5 x 10 ⁻⁶	ISO-10545-8
Crazing resistance	As per mfg.	Min. 10 Cycle	Min. 10 Cycle	ISO-10545-11
CHEMICAL PROPERTIES				
Chemical resistance	No damage	No damage	No damage	ISO-10545-13
Stain resistance	Resistant	Resistant	Resistant	ISO-10545-14
SAFETY PROPERTIES				
Slip resistance	As per mfg.	>0.40	>0.40	ISO-10545-17
Fire resistance	As per mfg.	Fire proof	Fire proof	N. A.
Lead & Cadmium given o by glazed tiles	As per mfg.	Does not yield Pb & Cd	Does not yield Pb & Cd	ISO-10545-15

Packing Details

SR. NO.	SIZE (IN MM)	PACKING	COVERAGE AREA	Thickness	WEIGHT
1	400X400MM	5 PIS	0.80SQ.MTR./8.61 SQ.FT.	12MM	19 Kg Approx..

Note: •Colour Shown are as accurate as the limitations of the printing process will allow. •Prospective customers are advised to inspect a sample of the tile before ordering. •Every effort has been made to ensure the accuracy of the information given. •However, the company reserve the right to change the specifications without prior notice. •Sometime variations in shade or size being inherent to ceramic industry may occur. •Before fixing, we advise you to follow the fixing instructions on the cartons of the tiles as no responsibility can be accepted by the company once the tiles have been fixed.

Applications



DISCLAIMER : We reserves the right to delete & amend either totally of partially, and of the colours, shapes, size, references and other technical specification contain in catalogue at any time. the colours shown of tiles in this catalogue are purely illustrative and limited to printing process. Please refer actual sample final selection. The details of colours, size, references should be vitrified for Typographical errors. SHADE & SIZE VARIATIONS are inherent characteristics of ceramics. NO COMPLIANT SHALL BE SHALL ENTERTAINED ON TILES ALREADY LAID/FIXED.

