



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.

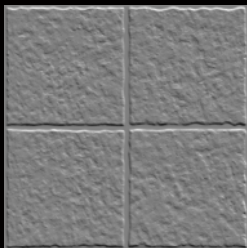
It has united the toughness of ceramic tiles with modern technological advances and customer aspiration to produce a range that is vast in choice. With over a decade experience in this field and in depth knowledge of markets both in India and abroad, the promoters have set up a world class integrated 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- 4 BOX SERIES

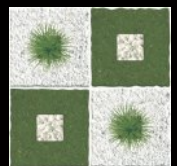
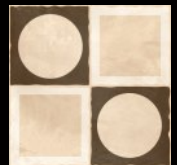
12 MM THICKNESS

An
elegant
style for
your taste



PUNCH

400X
400 MM



PARKING



GARDEN



WALKWAY



OUTDOOR





PUNCH- 4 BOX SERIES

400X400 MM

12 MM THICKNESS



1501

PUNCH



1501 HL

PUNCH

HEAVY DUTY
OUTDOOR TILES





PUNCH- 4 BOX SERIES

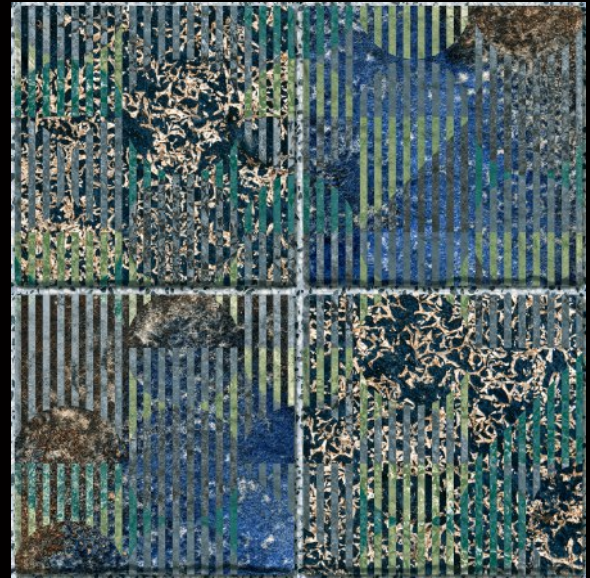
400X400 MM

12 MM THICKNESS



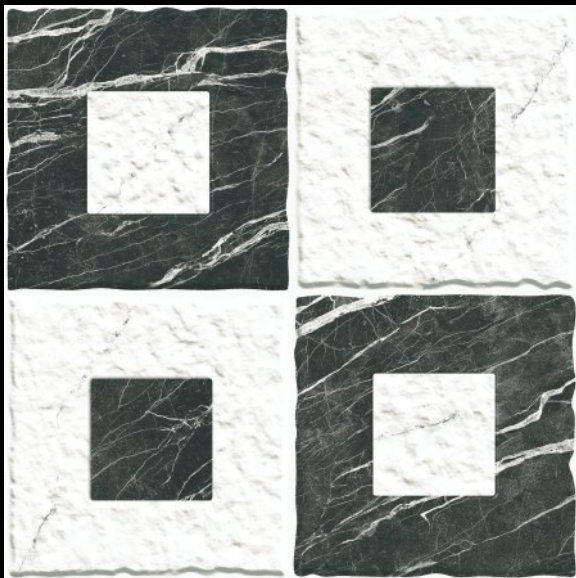
1502

PUNCH



1503

PUNCH



1504

PUNCH



1506

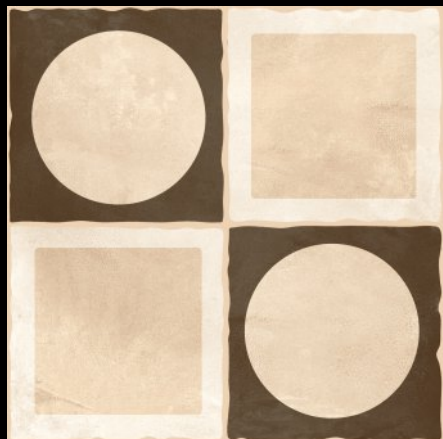
PUNCH

HEAVY DUTY
OUTDOOR TILES



1505

PUNCH



400X400 MM

12 MM THICKNESS



HEAVY DUTY
OUTDOOR TILES



PUNCH- 4 BOX SERIES

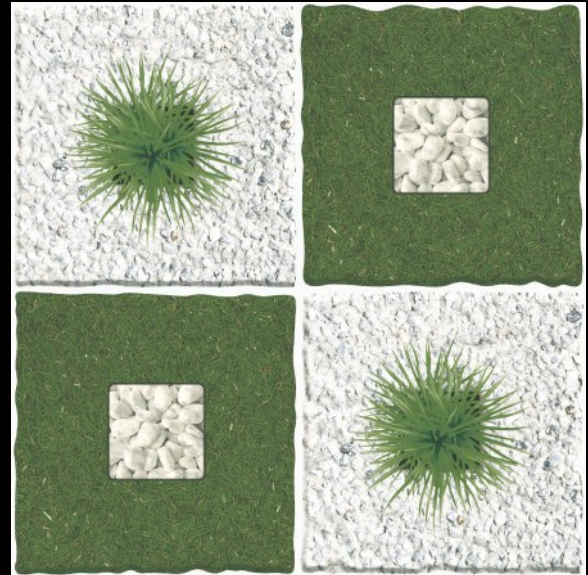
400X400 MM

12 MM THICKNESS



1507

PUNCH



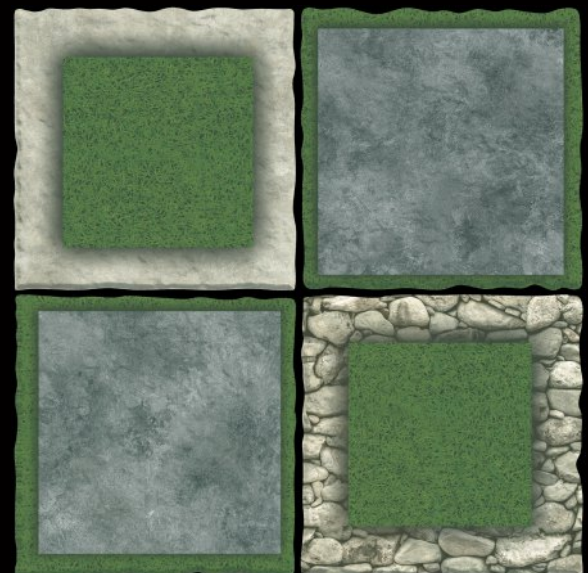
1508

PUNCH



1509

PUNCH



1510

PUNCH

HEAVY DUTY
OUTDOOR TILES





PUNCH- 4 BOX SERIES

400X400 MM

12 MM THICKNESS



1511

PUNCH



1512

PUNCH



1513

PUNCH



1514

PUNCH

HEAVY DUTY
OUTDOOR TILES



1515

PUNCH



400X400 MM

12 MM THICKNESS



HEAVY DUTY
OUTDOOR TILES



PUNCH- 4 BOX SERIES

400X400 MM

12 MM THICKNESS



1516

PUNCH



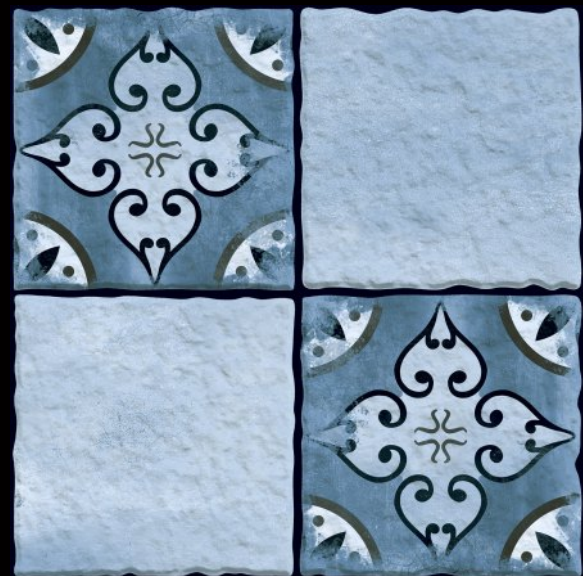
1518

PUNCH



1516 HL

PUNCH



1518 HL

PUNCH

HEAVY DUTY
OUTDOOR TILES





PUNCH- 4 BOX SERIES

400X400 MM

12 MM THICKNESS



1519

PUNCH



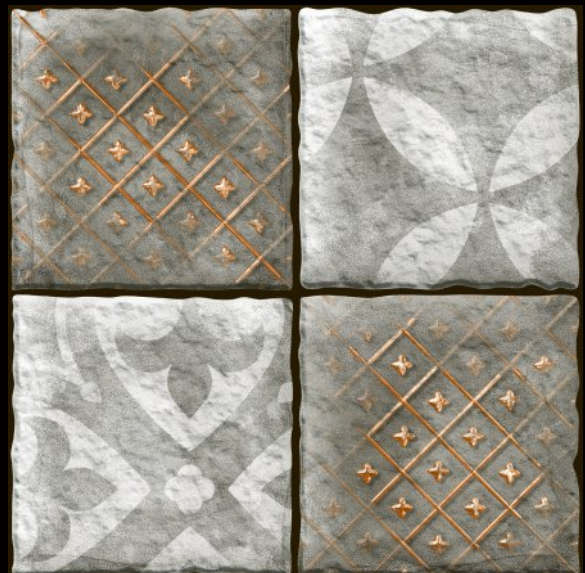
1520

PUNCH



1521

PUNCH



1522

PUNCH

HEAVY DUTY
OUTDOOR TILES



1517

PUNCH



400X400 MM

12 MM THICKNESS



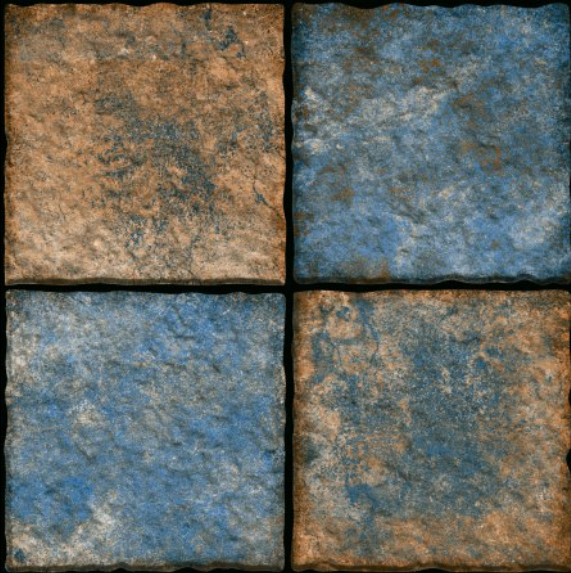
HEAVY DUTY
OUTDOOR TILES



PUNCH- 4 BOX SERIES

400X400 MM

12 MM THICKNESS



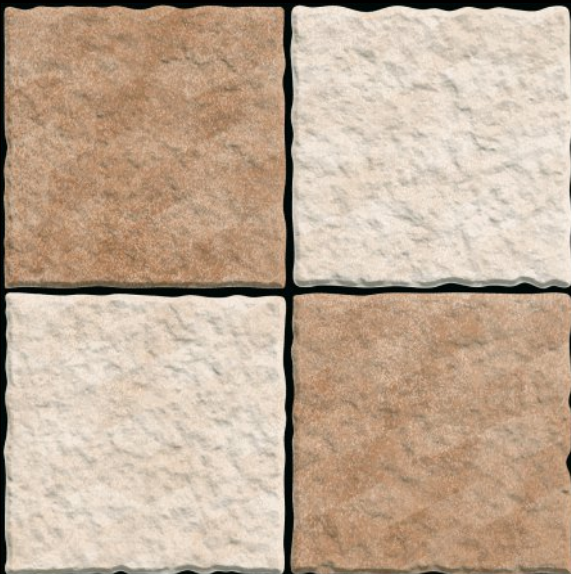
1523

PUNCH



1524

PUNCH



1527

PUNCH



1528

PUNCH

HEAVY DUTY
OUTDOOR TILES





PUNCH- 4 BOX SERIES

400X400 MM

12 MM THICKNESS



1526 LT

PLAIN



1526 HL

PUNCH



1526 DK

PLAIN

HEAVY DUTY
OUTDOOR TILES



1525

PUNCH



1525 HL

400X400 MM

12 MM THICKNESS



HEAVY DUTY
OUTDOOR TILES



PUNCH- 4 BOX SERIES

400X400 MM

12 MM THICKNESS



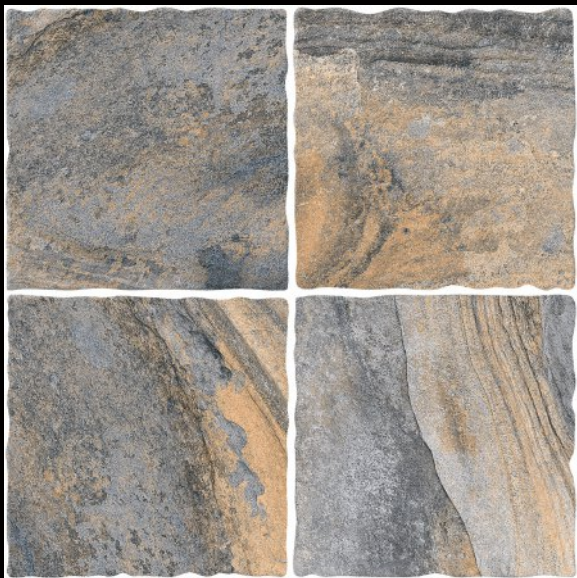
1529

PUNCH



1530

PUNCH



1531

PUNCH



1532

PUNCH

HEAVY DUTY
OUTDOOR TILES

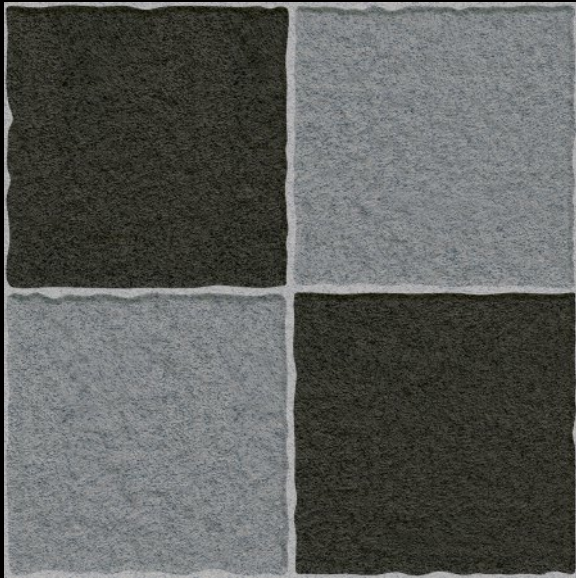




PUNCH- 4 BOX SERIES

400X400 MM

12 MM THICKNESS



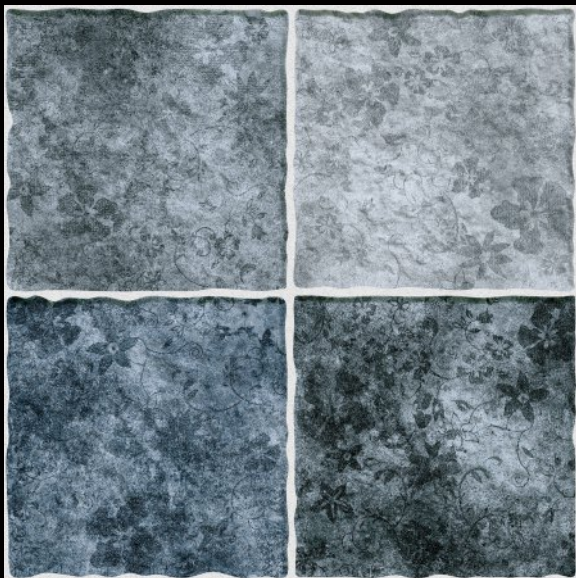
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PUNCH



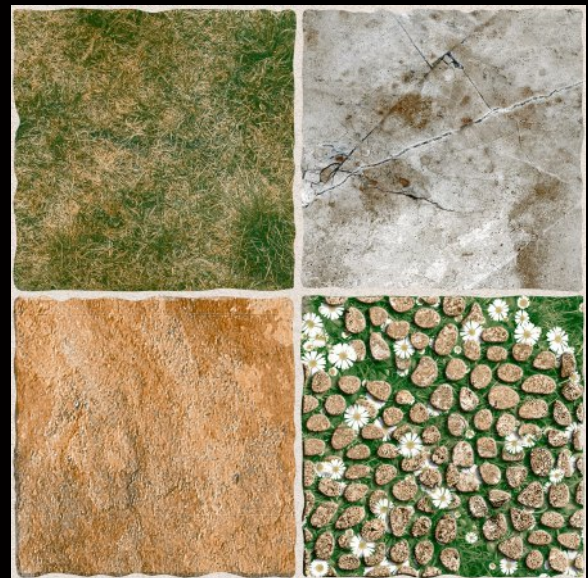
1534

PUNCH



1535

PUNCH



1536

PUNCH

HEAVY DUTY
OUTDOOR TILES





PUNCH- 4 BOX SERIES

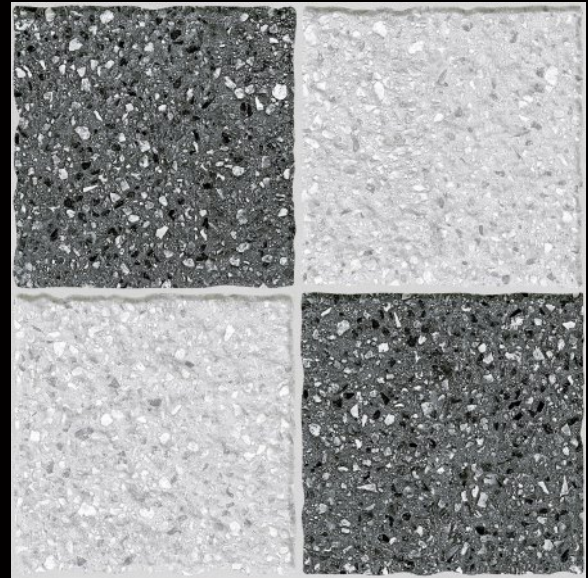
400X400 MM

12 MM THICKNESS



1537

PUNCH



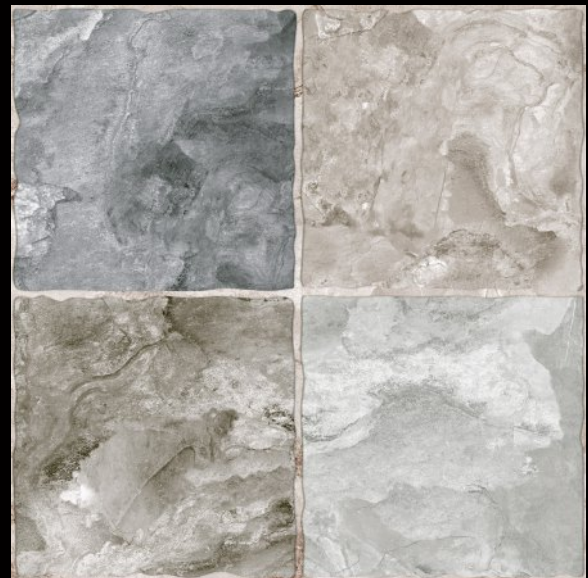
1538

PUNCH



1539

PUNCH



1540

PUNCH

HEAVY DUTY
OUTDOOR TILES





PUNCH- 4 BOX SERIES

400X400 MM

12 MM THICKNESS



1541

PUNCH



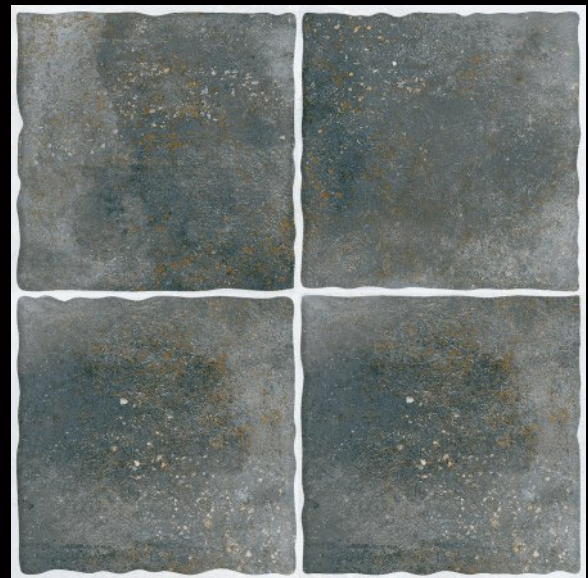
1542

PUNCH



1543

PUNCH



1544

PUNCH

HEAVY DUTY
OUTDOOR TILES

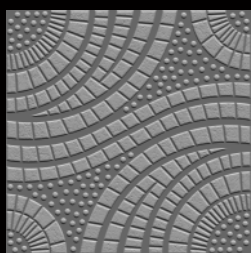




PUNCH- BREZZA SERIES

12 MM THICKNESS

An
elegant
style for
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PUNCH

400X
400 MM



PARKING



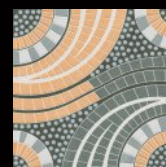
GARDEN



WALKWAY



OUTDOOR





PUNCH- BREZZA SERIES

400X400 MM

12 MM THICKNESS



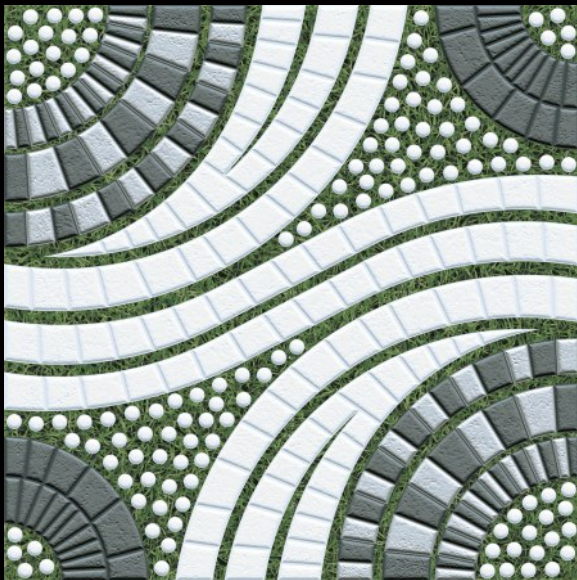
1601

PUNCH



1602

PUNCH



1603

PUNCH



1604

PUNCH

HEAVY DUTY
OUTDOOR TILES

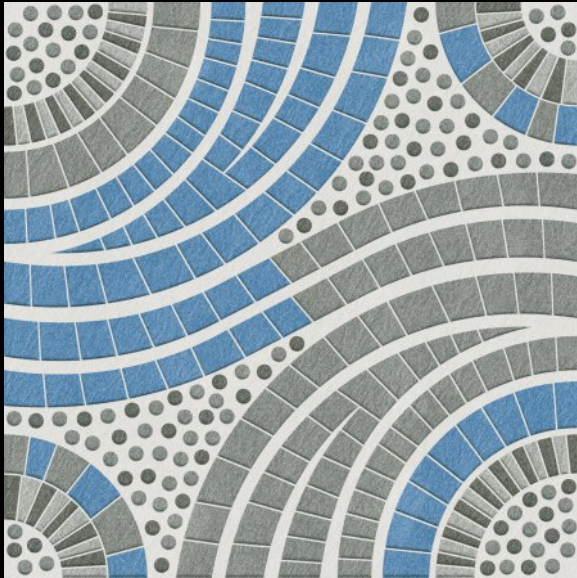




PUNCH- BREZZA SERIES

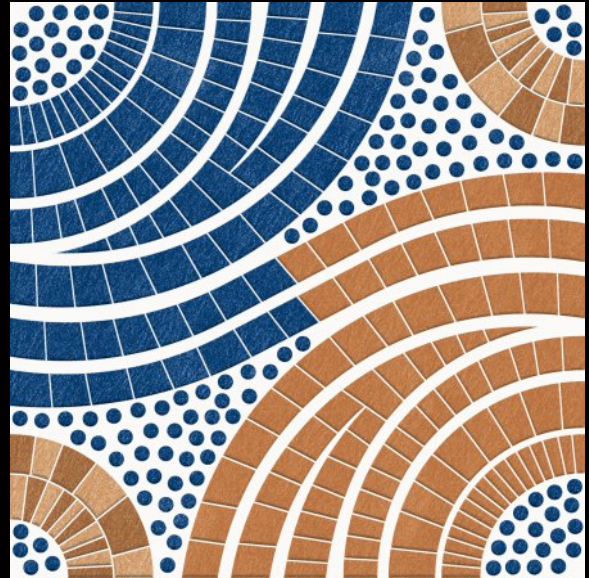
400X400 MM

12 MM THICKNESS



1605

PUNCH



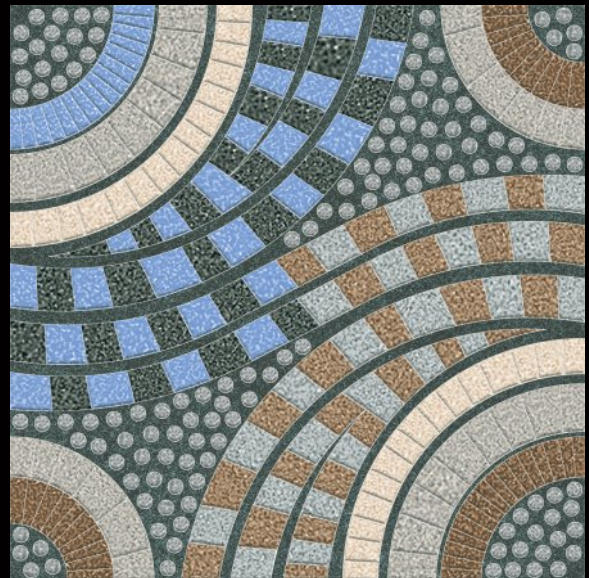
1607

PUNCH



1608

PUNCH



1609

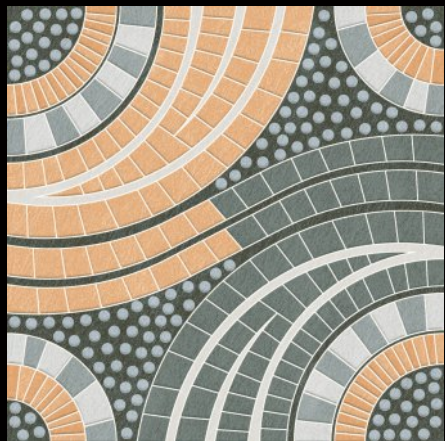
PUNCH

HEAVY DUTY
OUTDOOR TILES



1606

PUNCH



400X400 MM

12 MM THICKNESS



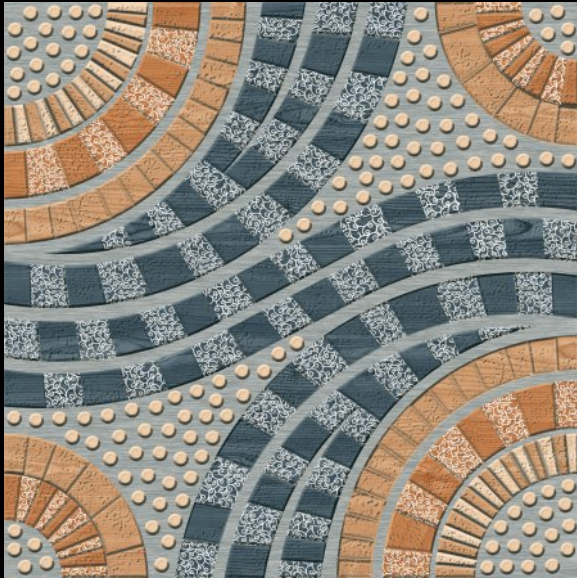
HEAVY DUTY
OUTDOOR TILES



PUNCH- BREZZA SERIES

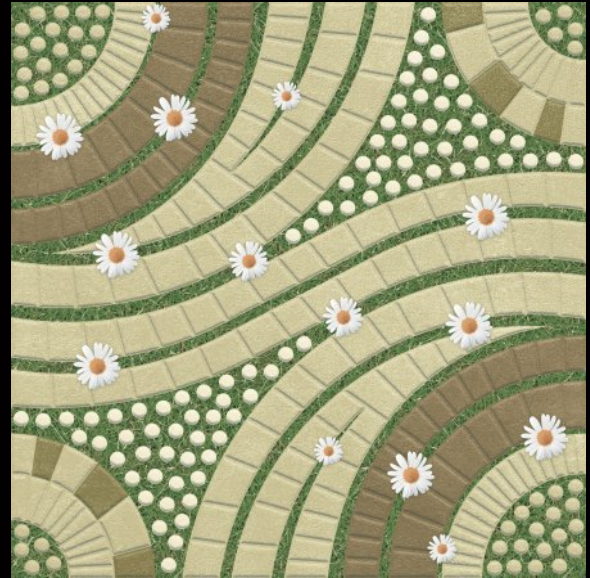
400X400 MM

12 MM THICKNESS



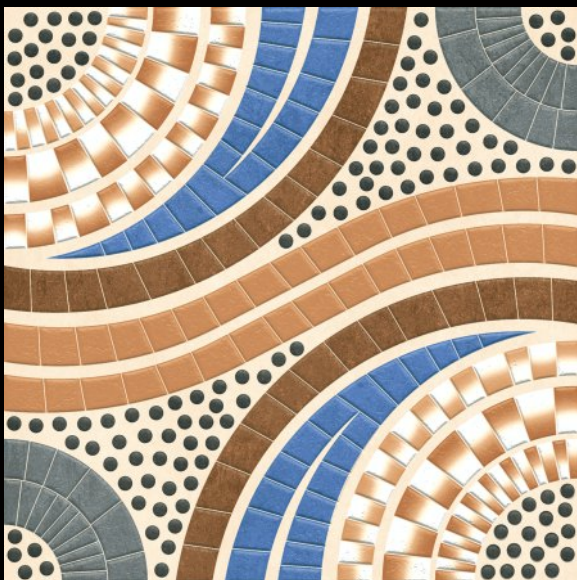
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PUNCH



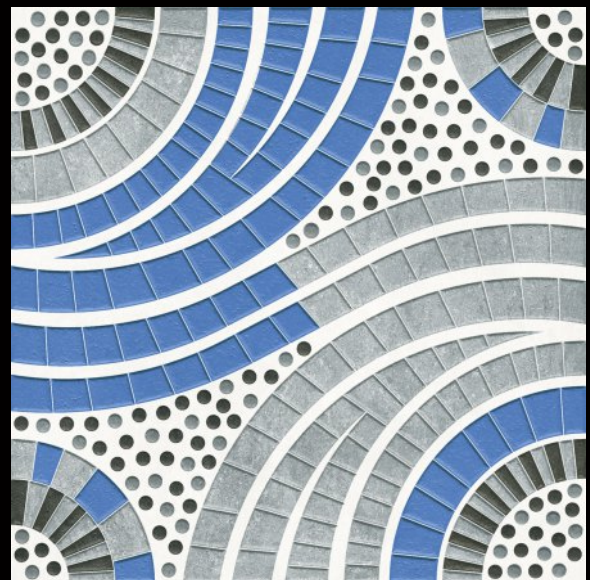
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PUNCH



1613

PUNCH



1614

PUNCH

HEAVY DUTY
OUTDOOR TILES

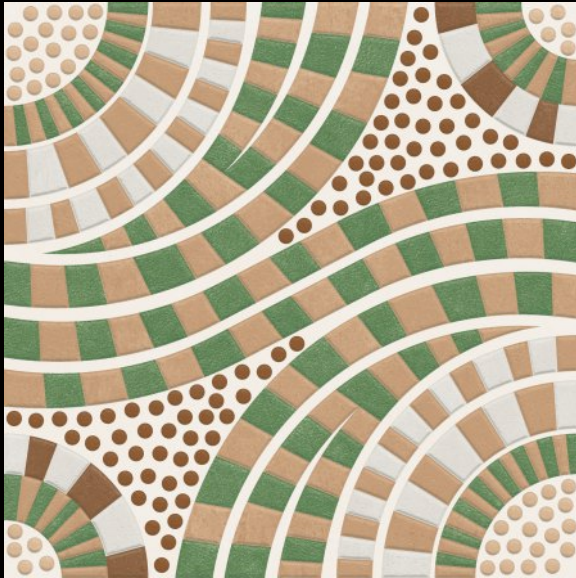




PUNCH- BREZZA SERIES

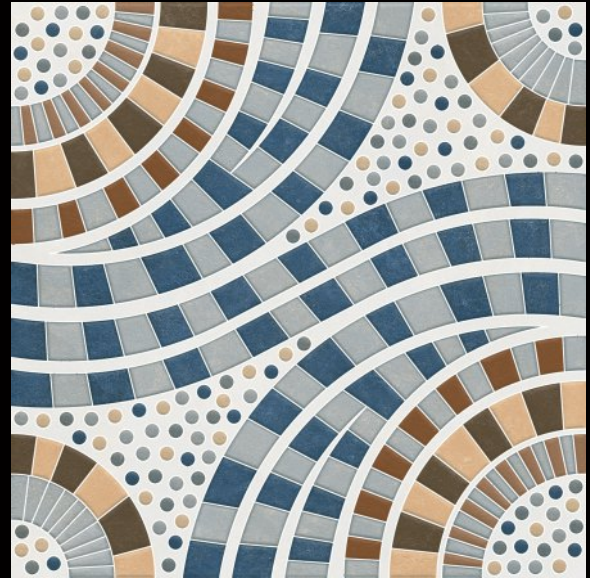
400X400 MM

12 MM THICKNESS



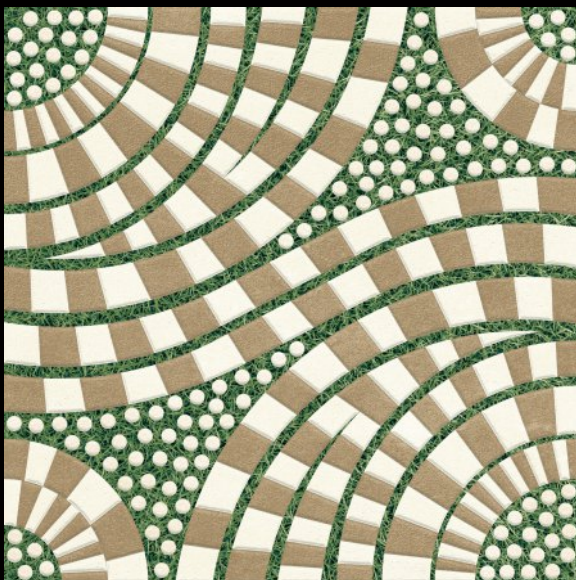
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PUNCH



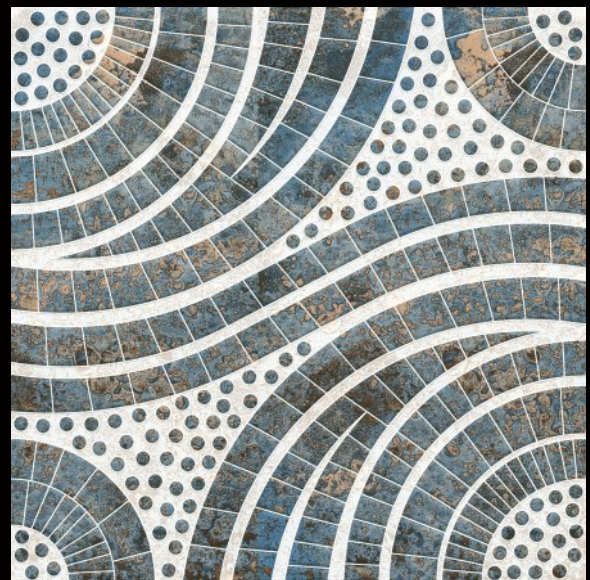
1617

PUNCH



1618

PUNCH



1619

PUNCH

HEAVY DUTY
OUTDOOR TILES



1615

PUNCH



400X400 MM

12 MM THICKNESS



HEAVY DUTY
OUTDOOR TILES



PUNCH- BREZZA SERIES

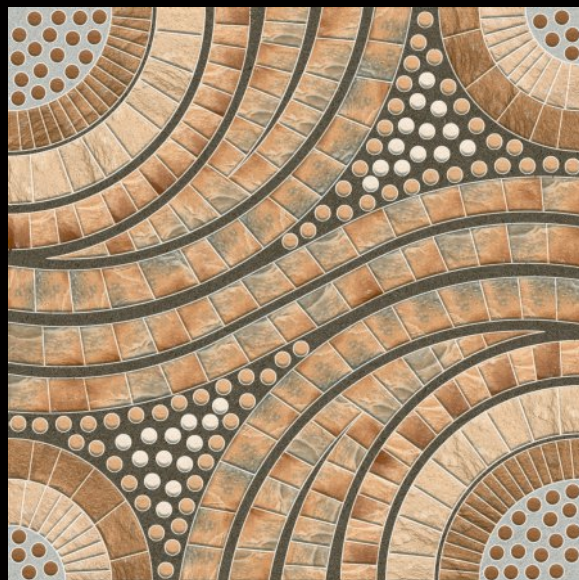
400X400 MM

12 MM THICKNESS



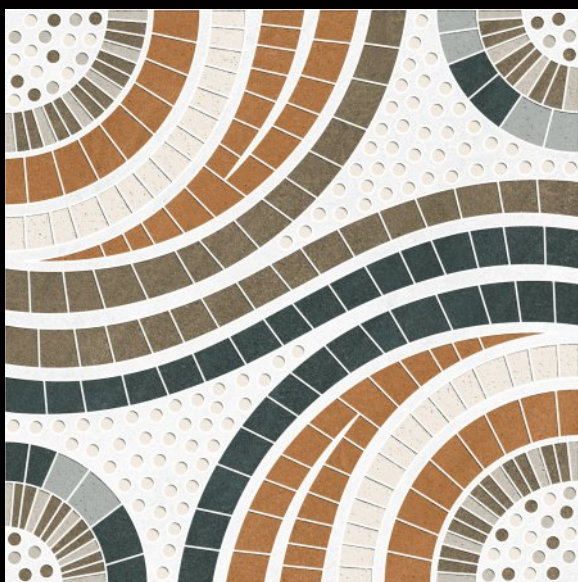
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PUNCH



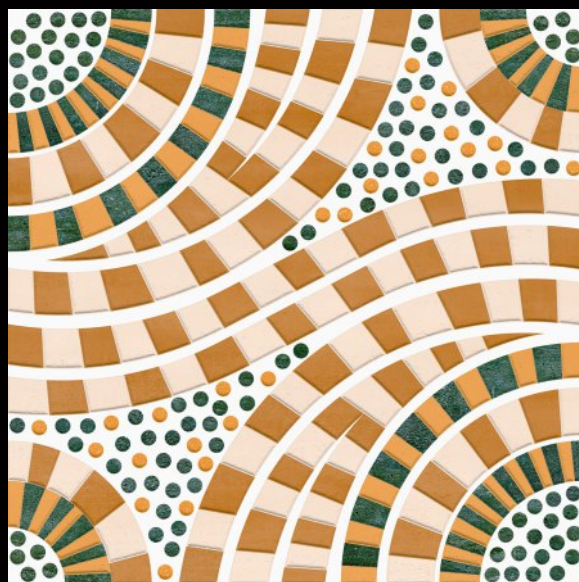
1621

PUNCH



1622

PUNCH



1623

PUNCH

HEAVY DUTY
OUTDOOR TILES

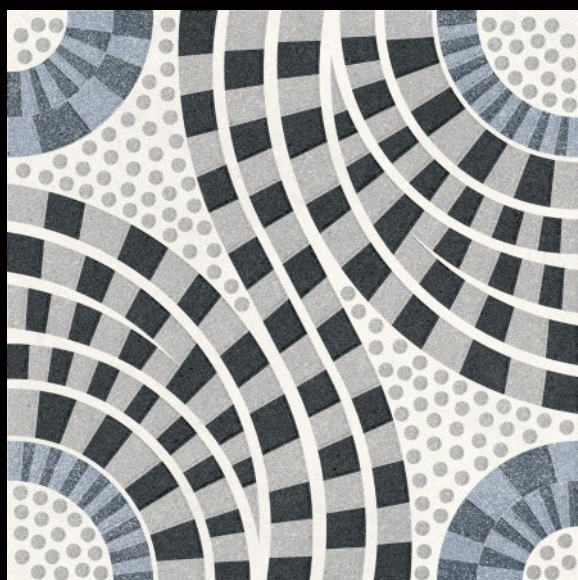




PUNCH- BREZZA SERIES

400X400 MM

12 MM THICKNESS



1624

PUNCH

HEAVY DUTY
OUTDOOR TILES

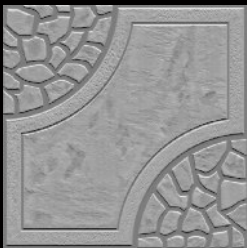




PUNCH- CASINO SERIES

12 MM THICKNESS

An
elegant
style for
your taste



PUNCH

400X
400 MM



PARKING



GARDEN



WALKWAY



OUTDOOR





PUNCH- CASINO SERIES

400X400 MM

12 MM THICKNESS



1701

PUNCH



1702

PUNCH



1703

PUNCH



1706

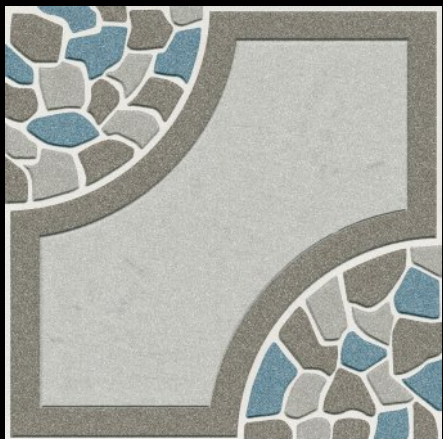
PUNCH

HEAVY DUTY
OUTDOOR TILES



1704

PUNCH



400X400 MM

12 MM THICKNESS



HEAVY DUTY
OUTDOOR TILES

1705

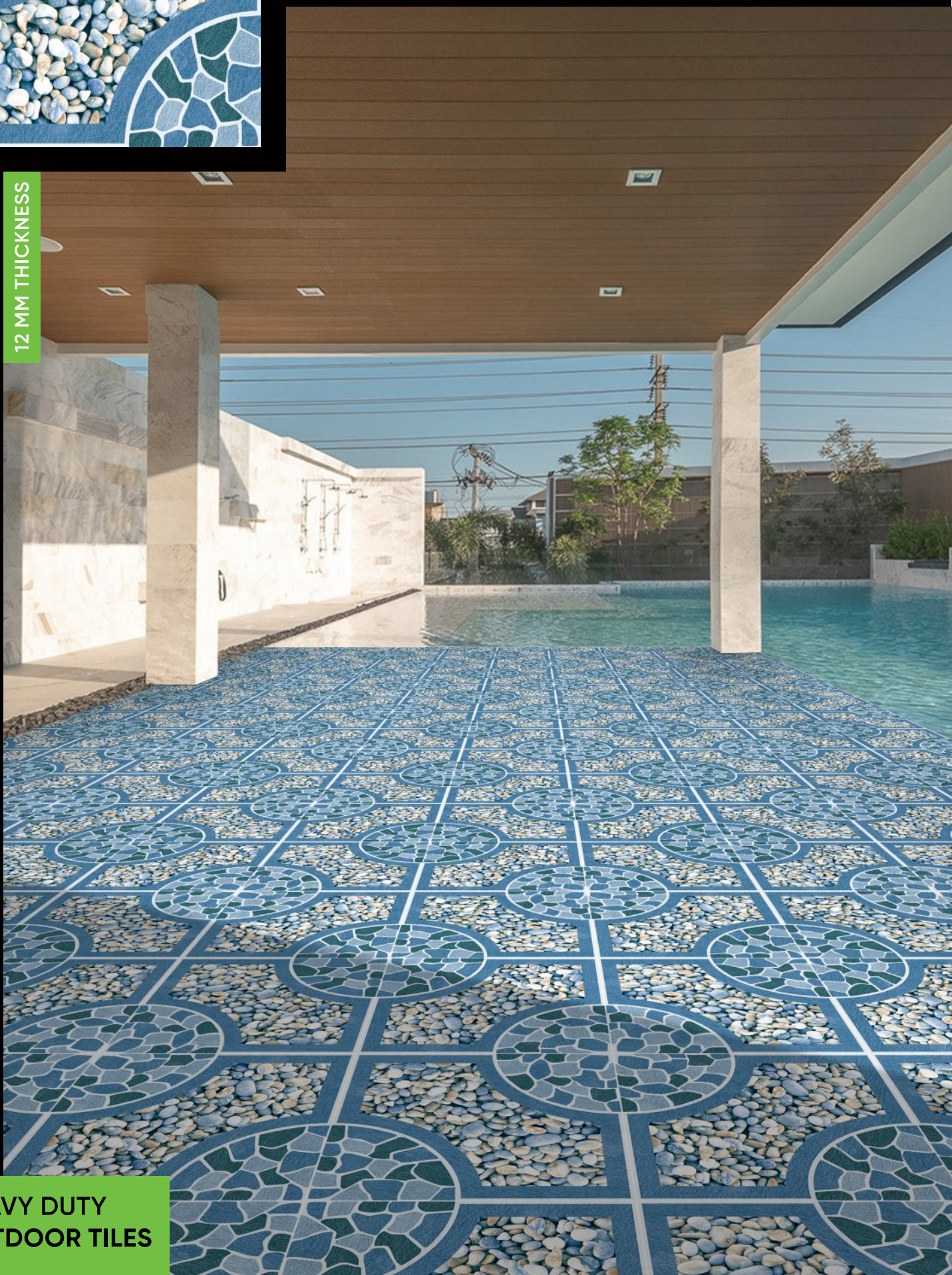
PUNCH



400X400 MM

12 MM THICKNESS

HEAVY DUTY
OUTDOOR TILES





PUNCH- CASINO SERIES

400X400 MM

12 MM THICKNESS



1707

PUNCH



1708

PUNCH



1709

PUNCH



1710

PUNCH

HEAVY DUTY
OUTDOOR TILES





PUNCH- CASINO SERIES

400X400 MM

12 MM THICKNESS



1711

PUNCH



1712

PUNCH



1713

PUNCH



1714

PUNCH

HEAVY DUTY
OUTDOOR TILES





PUNCH- CASINO SERIES

400X400 MM

12 MM THICKNESS



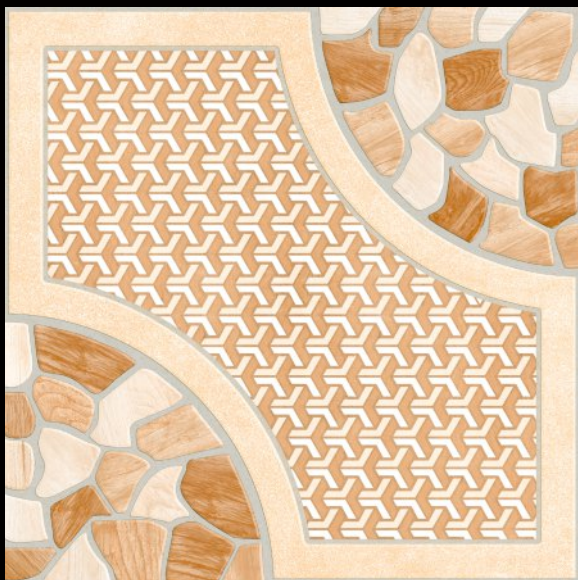
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PUNCH



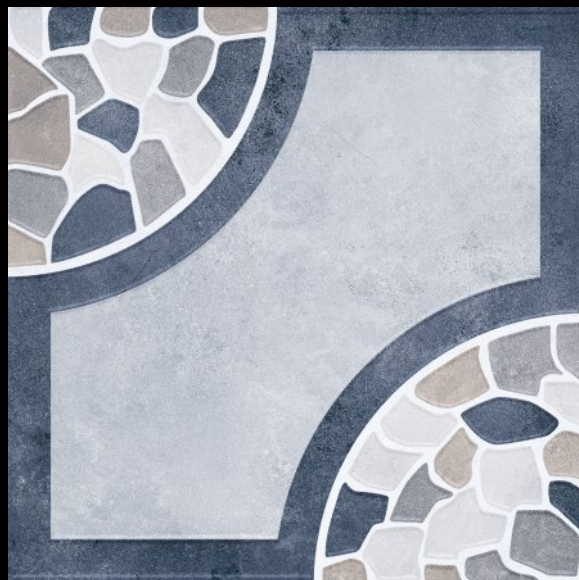
1716

PUNCH



1718

PUNCH



1719

PUNCH

HEAVY DUTY
OUTDOOR TILES



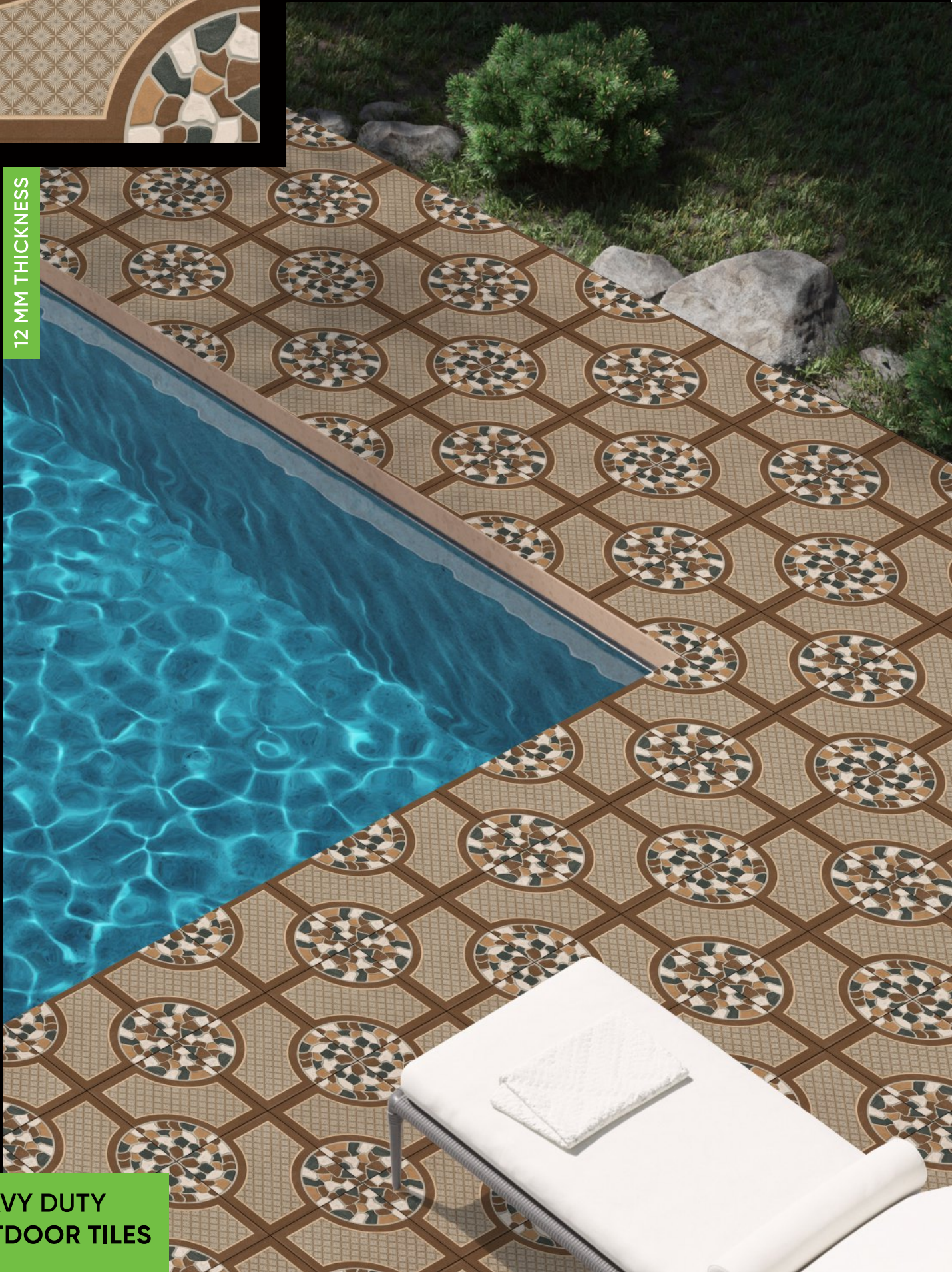
1717

PUNCH



400X400 MM

12 MM THICKNESS



HEAVY DUTY
OUTDOOR TILES



PUNCH- CASINO SERIES

400X400 MM

12 MM THICKNESS



1720

PUNCH



1721

PUNCH



1722

PUNCH

HEAVY DUTY
OUTDOOR TILES

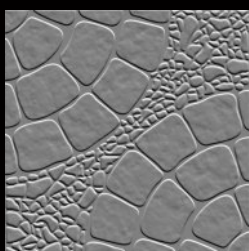




PUNCH- CIRCLE SERIES

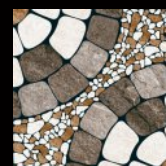
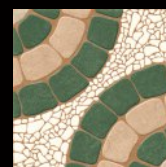
12 MM THICKNESS

An
elegant
style for
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PUNCH

400X
400 MM



PARKING



GARDEN



WALKWAY



OUTDOOR





PUNCH- CIRCLE SERIES

400X400 MM

12 MM THICKNESS



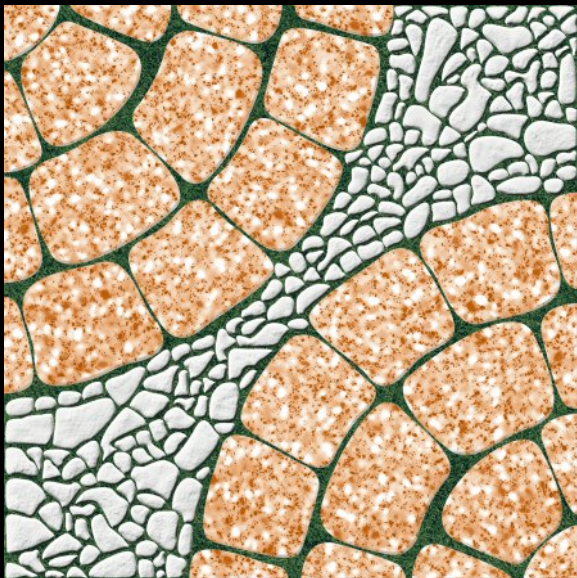
1801

PUNCH



1802

PUNCH



1803

PUNCH



1804

PUNCH

HEAVY DUTY
OUTDOOR TILES

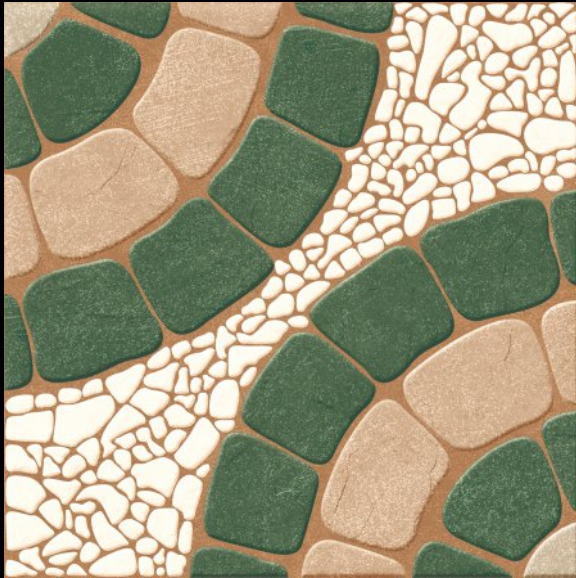




PUNCH- CIRCLE SERIES

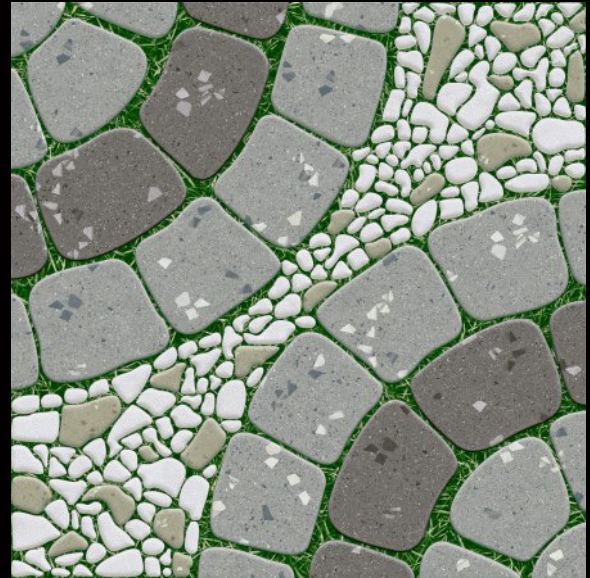
400X400 MM

12 MM THICKNESS



1805

PUNCH



1807

PUNCH



1808

PUNCH



1809

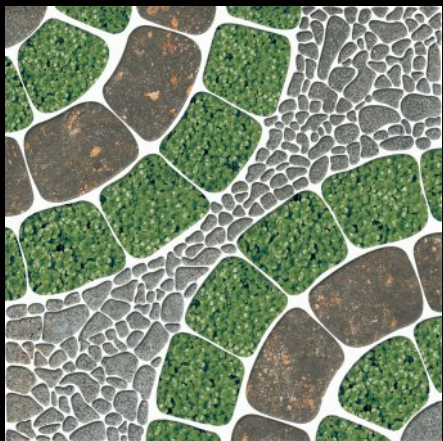
PUNCH

HEAVY DUTY
OUTDOOR TILES



1806

PUNCH



400X400 MM

12 MM THICKNESS



HEAVY DUTY
OUTDOOR TILES



PUNCH- CIRCLE SERIES

400X400 MM

12 MM THICKNESS



1810

PUNCH



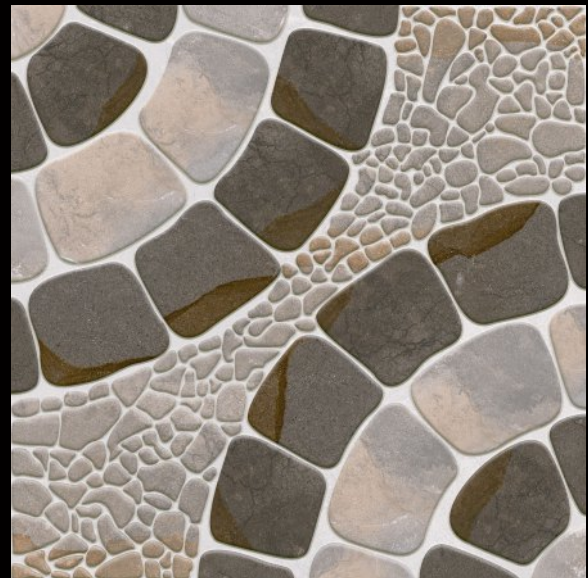
1811

PUNCH



1812

PUNCH



1813

PUNCH

HEAVY DUTY
OUTDOOR TILES





PUNCH- CIRCLE SERIES

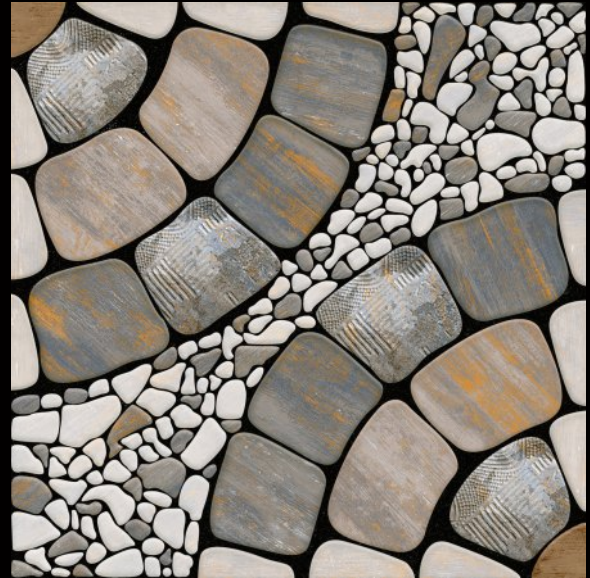
400X400 MM

12 MM THICKNESS



1814

PUNCH



1815

PUNCH



1816

PUNCH

HEAVY DUTY
OUTDOOR TILES

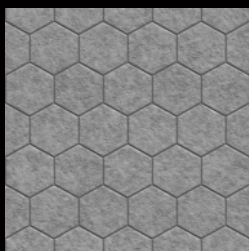




PUNCH- HEXAGONAL SERIES

12 MM THICKNESS

An
elegant
style for
your taste



PUNCH

400X
400 MM



PARKING



GARDEN



WALKWAY



OUTDOOR



PUNCH- HEXAGONAL SERIES

400X400 MM

12 MM THICKNESS



1901

PUNCH



1902

PUNCH



1903

PUNCH



1904

PUNCH

HEAVY DUTY
OUTDOOR TILES





PUNCH- HEXAGONAL SERIES

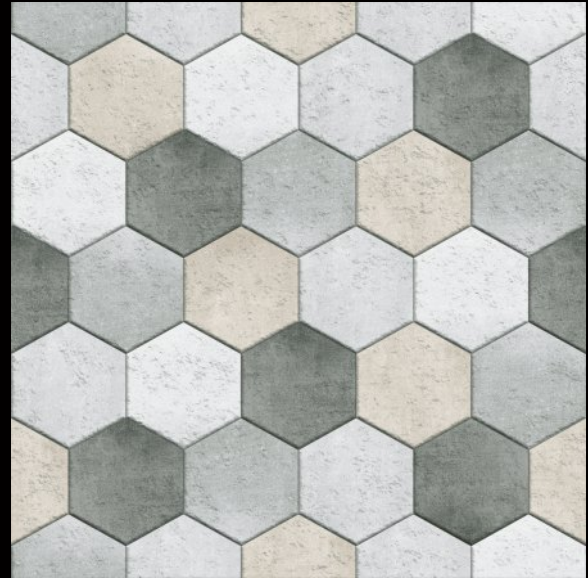
400X400 MM

12 MM THICKNESS



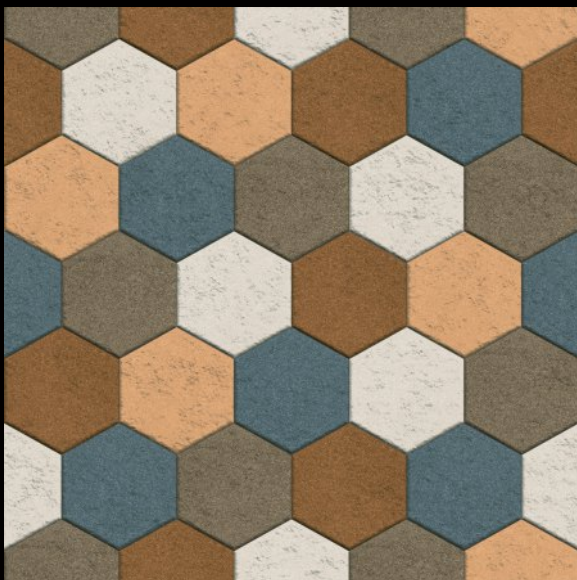
1906

PUNCH



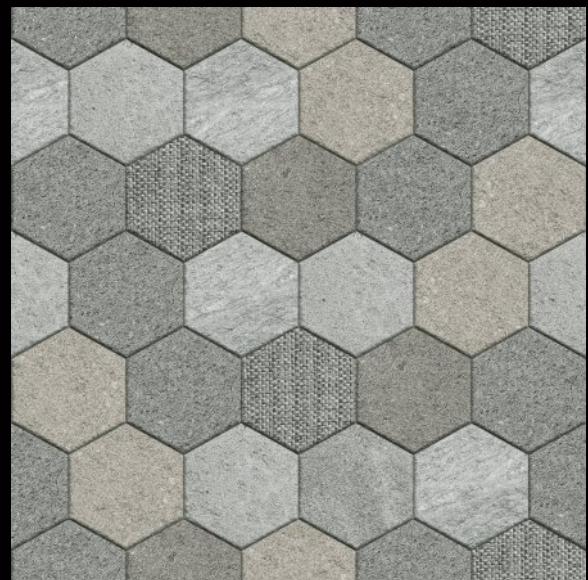
1907

PUNCH



1908

PUNCH



1910

PUNCH

HEAVY DUTY
OUTDOOR TILES



1909

PUNCH



400X400 MM

12 MM THICKNESS



HEAVY DUTY
OUTDOOR TILES



PUNCH- HEXAGONAL SERIES

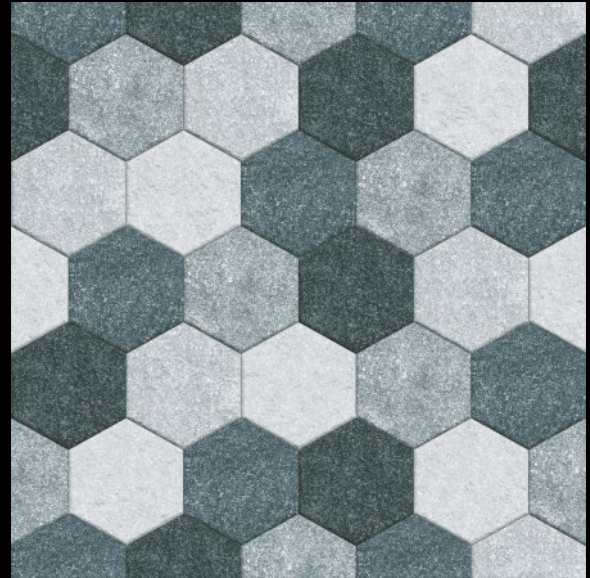
400X400 MM

12 MM THICKNESS



1911

PUNCH



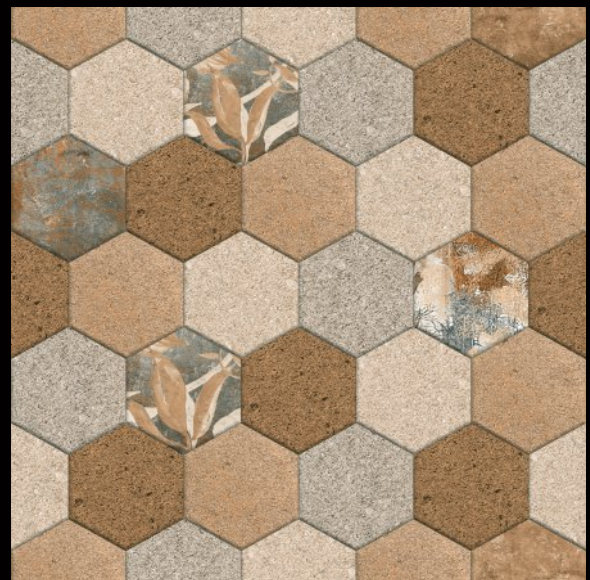
1912

PUNCH



1913

PUNCH



1914

PUNCH

HEAVY DUTY
OUTDOOR TILES





PUNCH- HEXAGONAL SERIES

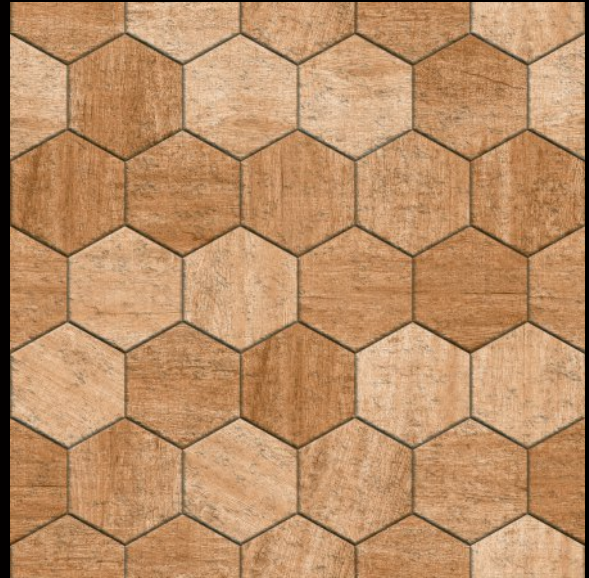
400X400 MM

12 MM THICKNESS



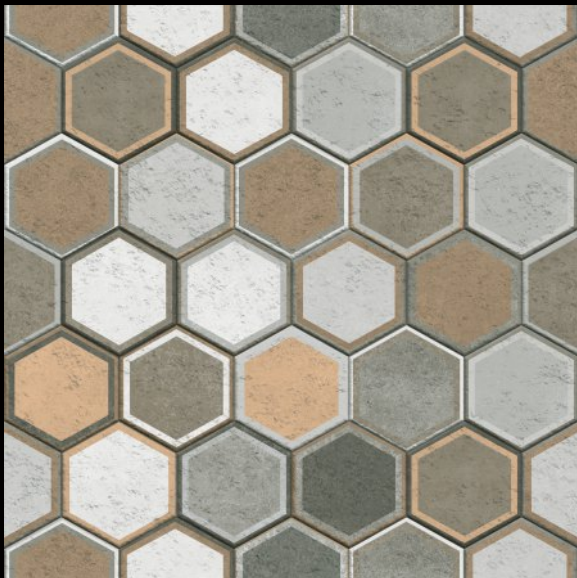
1915

PUNCH



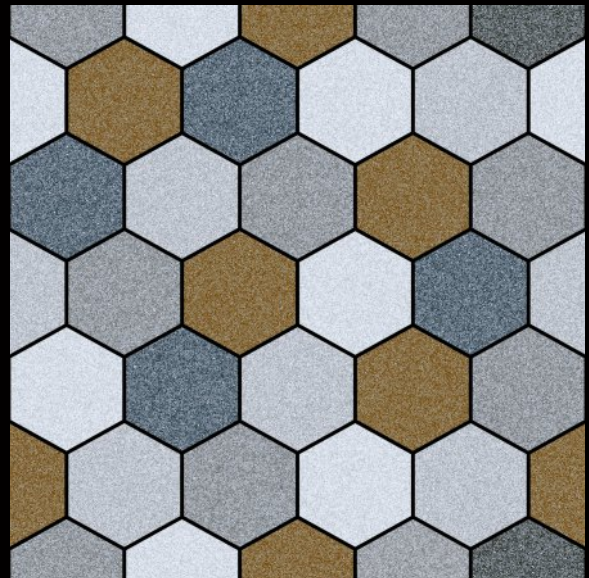
1917

PUNCH



1919

PUNCH



1919

PUNCH

HEAVY DUTY
OUTDOOR TILES



1916

PUNCH



400X400 MM

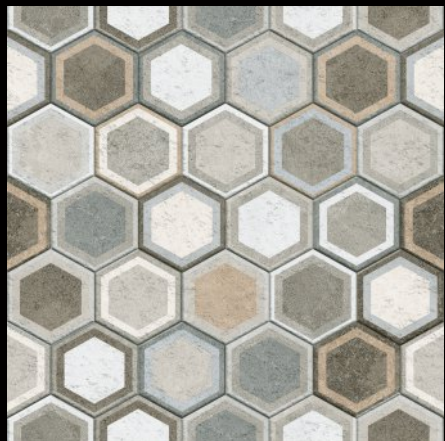
12 MM THICKNESS



HEAVY DUTY
OUTDOOR TILES

1918

PUNCH



400X400 MM

12 MM THICKNESS



HEAVY DUTY
OUTDOOR TILES



PUNCH- HEXAGONAL SERIES

400X400 MM

12 MM THICKNESS



1921

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.

