



WATER PROOF



Digital Wall Tiles

300x450mm

VOL - 4

# *The Favour Of Artistry*

## *About Us*

Driven through trust, innovation and technology, Liona is one of the leading manufacturers and exporters of ceramic products and tiles. With the state-of-art infrastructure facility, we lead with an intelligent approach to creative design and high-end technology, offering various international standard quality products. Working along with a wall tiles of products, Liona is the one-stop solution to redesigning and planning homes and workspaces. At Liona, we believe in Keeping up with the new trends of art and infrastructure. Therefore we have introduced a new range of wall tiles boasting of ethnicity and inspired by nature. With an Intelligent Mix of Design and Technology, the wall tiles Collection instils colours and Textures from nature. Discover innovative ways to beautify your spaces. This range is all set to infuse life to your walls due to its unique pattern, thickness and finishes.

*We Suggest a set  
of retro allusion  
based on worn-out,  
Moroccan design  
of geometric shapes  
and symbology able  
to fulfil any decorative  
styles.*



## *Ceramic Design Icon*

The Shade that comprise the glossy-series, thanks to their sobriety and naturalness, perfectly integrate with the contemporary style of home furnishing, the minute details that characterized the glossy collection are seen best in the three-dimensional structures decor: in the wall 3d, for example, built from small bush-hammered, honed and sand blasted pieces.

The wall caddle interprets an assemblage of tradition, which combins perfectly with the rest of the collection, thanks to its naturalness.



# *Color Meets Color Design, Style And Combination.*

Reinterpreting the classic, spirited, and the timeless pattern and more into contemporary surfaces of Wall Tiles. The all-new and distinctive collection fetches the artisanal expression of classic motifs but with the twist of modern articulation and pop of details.

The collection exhibits artisanal expression through design style encompassing the-time-honored carpet design, geometric-patterns, elegant motifs, heritage artistic-patterns, earthy designs inspired by Baroque architecture, Moroccan designs, and a lot more.

## *Technical Information*



CHEMICAL AND  
STAIN RESISTANT



RESISTANT TO  
SCRATCHES



FIREPROOF



ECOLOGICAL



RESISTANT TO  
CHEMICALS



WEAR  
RESISTANT



EASY TO CLEAN



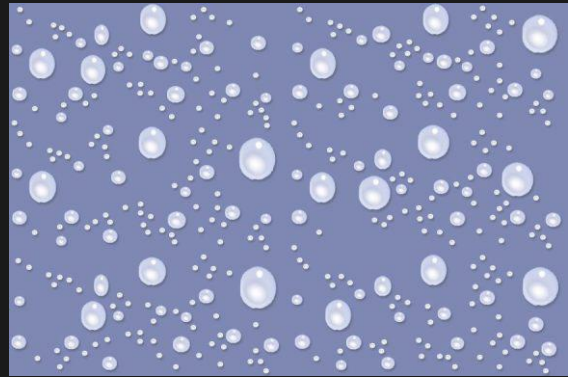
WATER  
RESISTANT



1301-LT



1301-HL-1



1301-DK



1302-LT



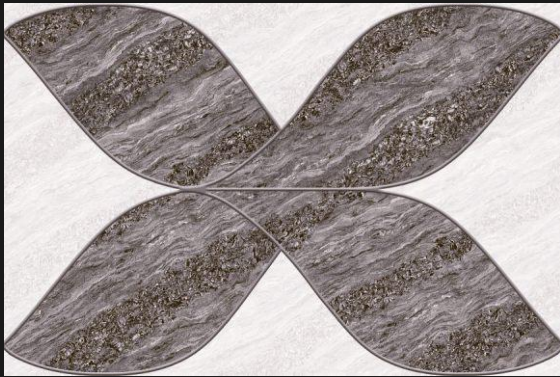
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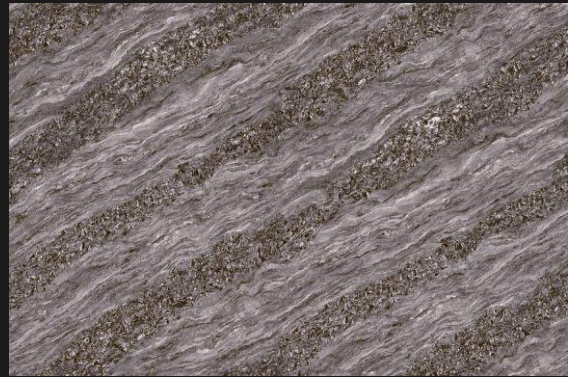
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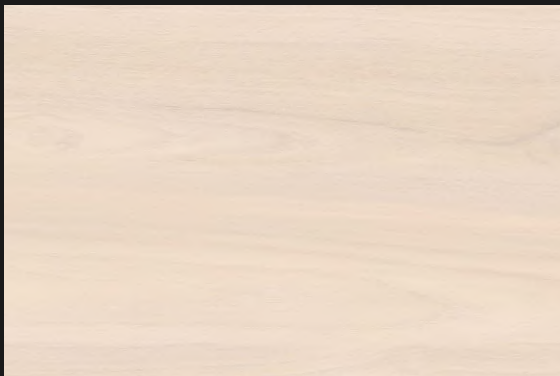
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1303-DK



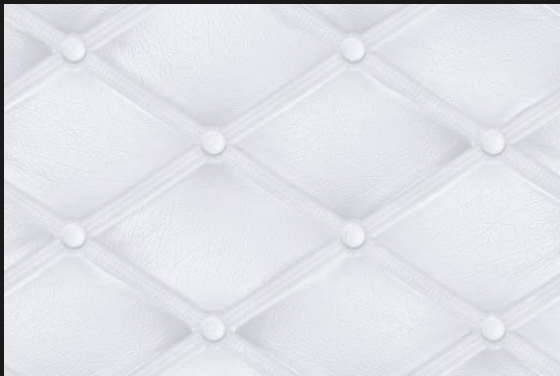
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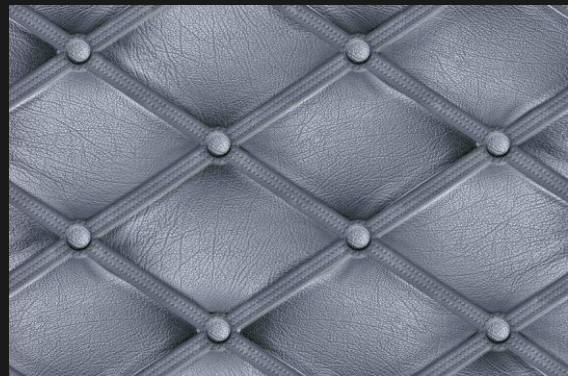
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1305-LT



1305-HL-1

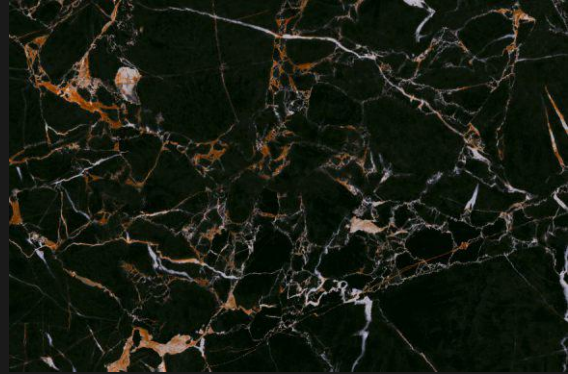


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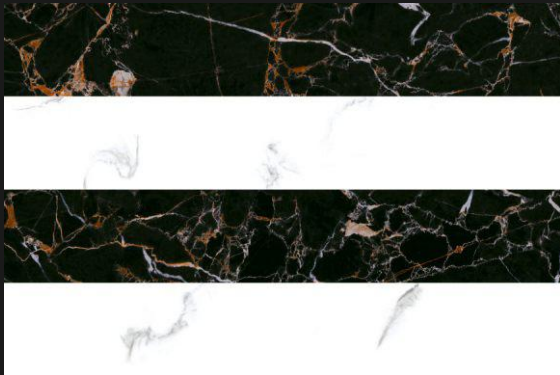




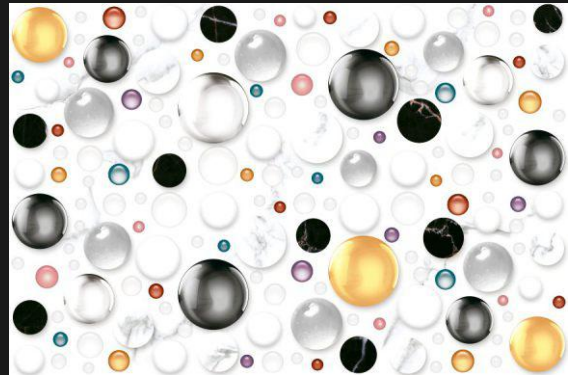
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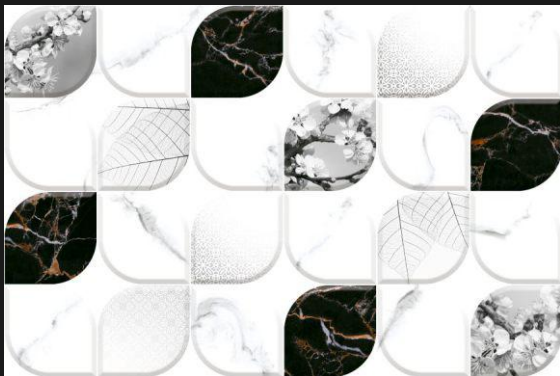
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1306-HL-1



1306-HL-2



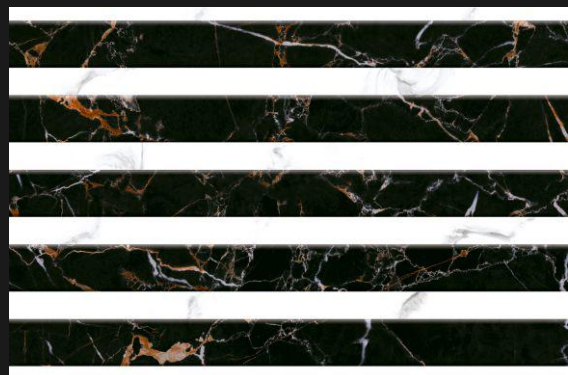
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1306-HL-4



1306-HL-5



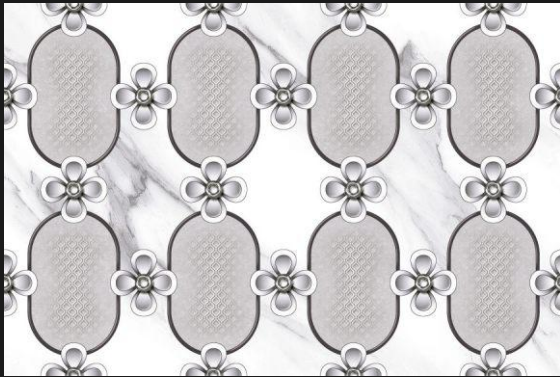
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1307-LT



1307-HL-1



1307-HL-2



1307-HL-3



1307-HL-4



1307-HL-5



1307-LT



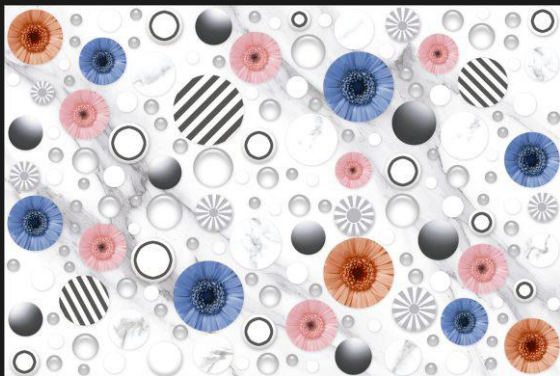
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1307-HL-7



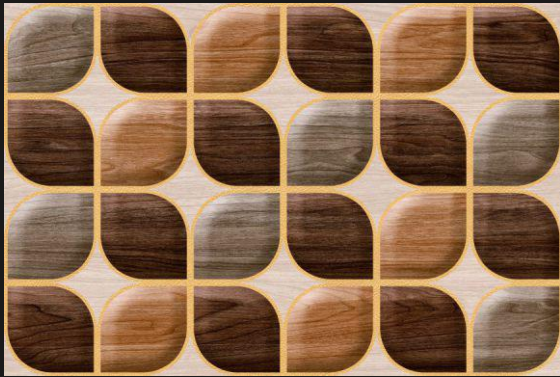
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1307-HL-9



1308-LT



1308-HL-1



1308-DK



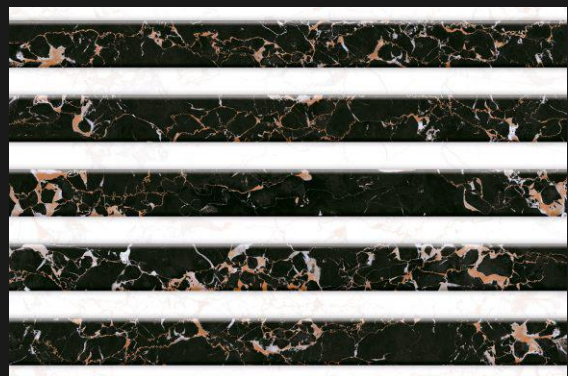
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1309-DK



1309-HL-1



1309-HL-2



1310-LT



1310-DK



1310-HL-1



1310-HL-2



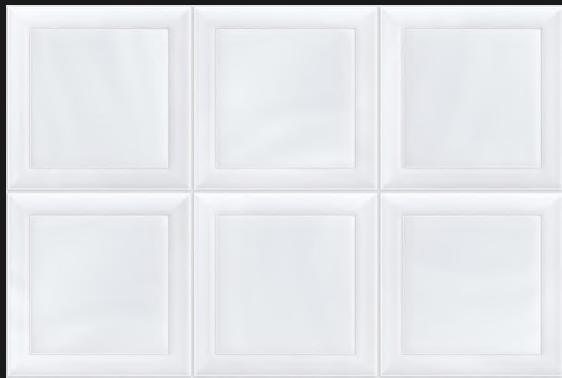
1310-HL-3



1310-HL-4



1310-HL-5



1311-LT



1311-DK



1311-HL-1



1311-HL-2



1312-LT



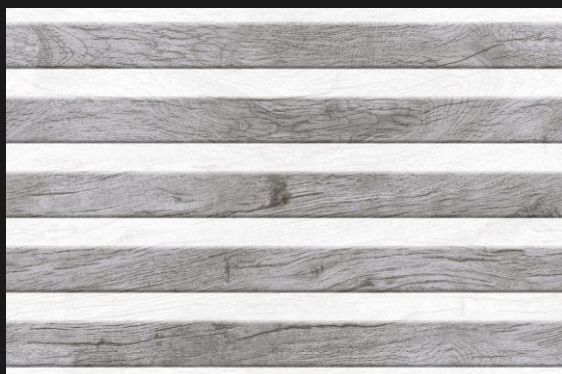
1312-DK



1312-HL-1



1312-HL-2



1312-HL-3



1312-HL-4



1313-LT



1313-DK



1313-HL-1



1313-HL-2

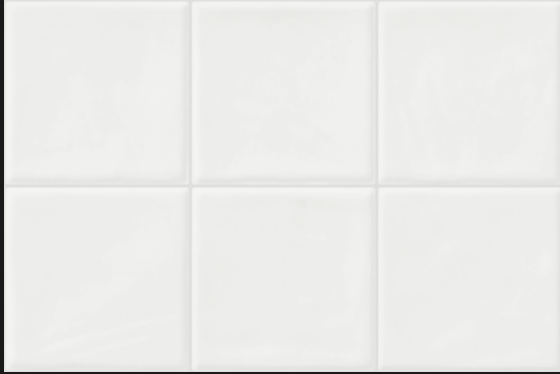


1313-HL-3



1313-HL-4





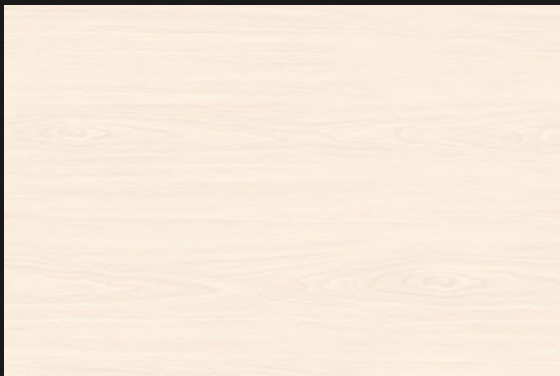
1314-LT



1314-HL-1



1314-DK



1315-LT



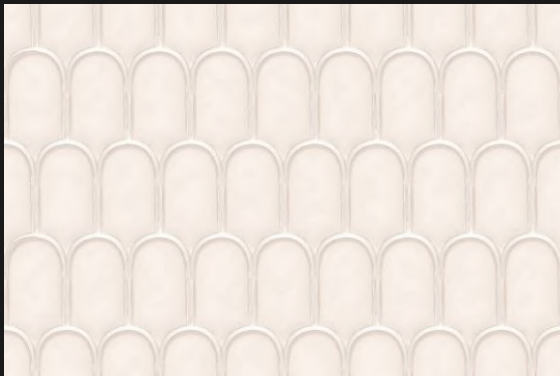
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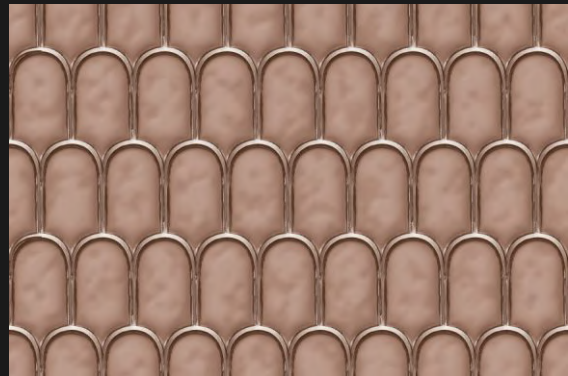
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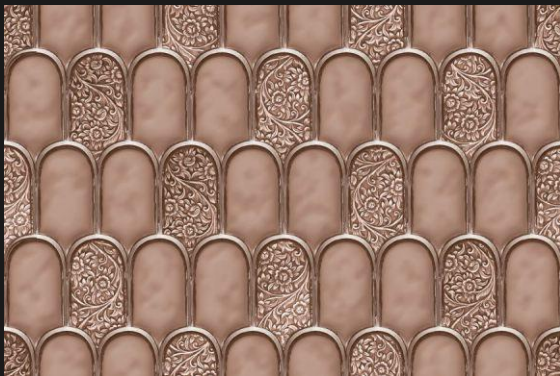
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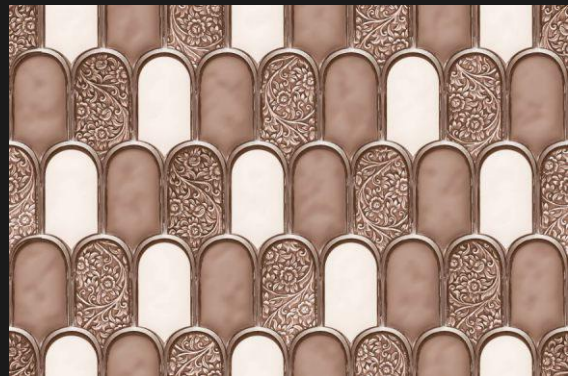
1318-LT



1318-DK



1318-HL-1



1318-HL-2



CHEMICAL AND STAIN RESISTANT



RESISTANT TO SCRATCHES



ECOLOGICAL



RESISTANT TO CHEMICALS



EASY TO CLEAN



WATER RESISTANT



1319-LT



1319-DK



1319-HL-1



1319-HL-2



1319-HL-3



1320-LT



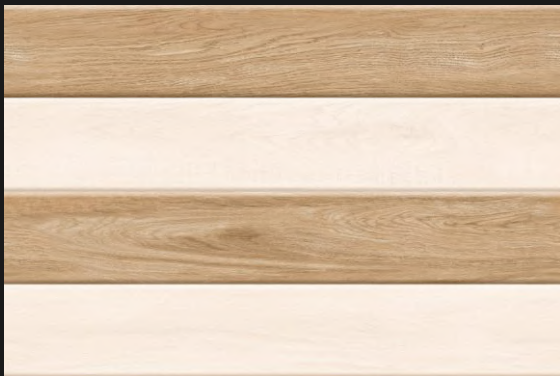
1320-DK



1320-HL-1



1320-HL-2



1320-HL-3



1320-HL-4



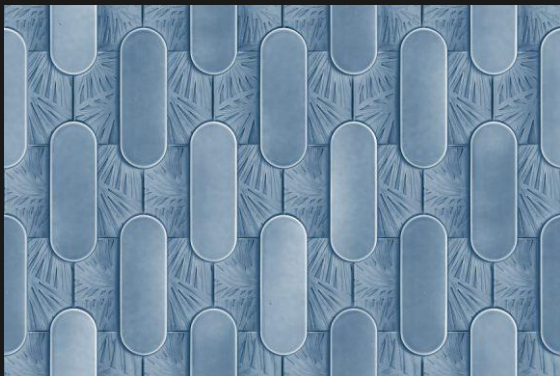
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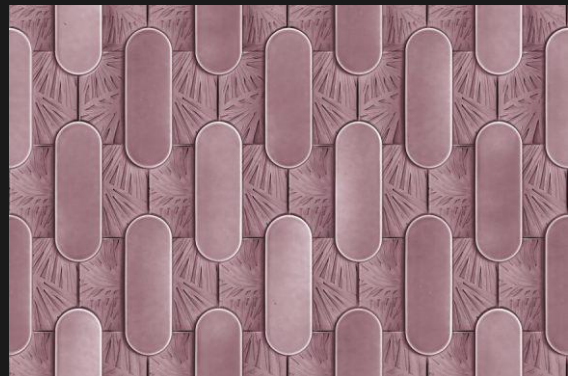
1321-HL-1



1321-HL-2



1321-DK-1



1321-DK-2



1322-LT



1322-DK



1322-HL-1



1322-HL-2



1322-HL-3

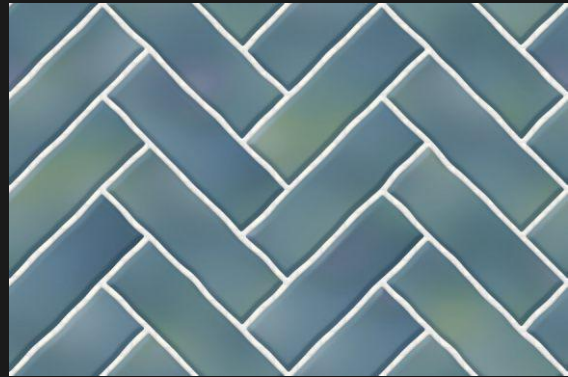




1323-LT



1323-HL-1



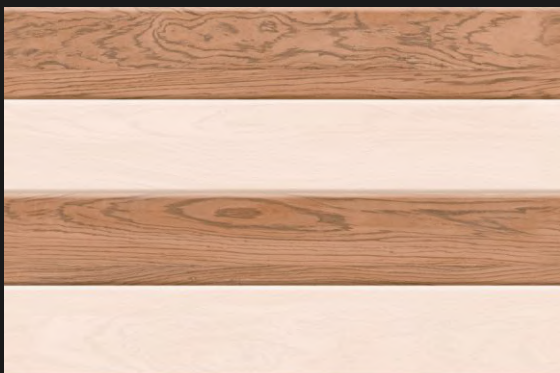
1323-DK



1324-LT



1324-DK

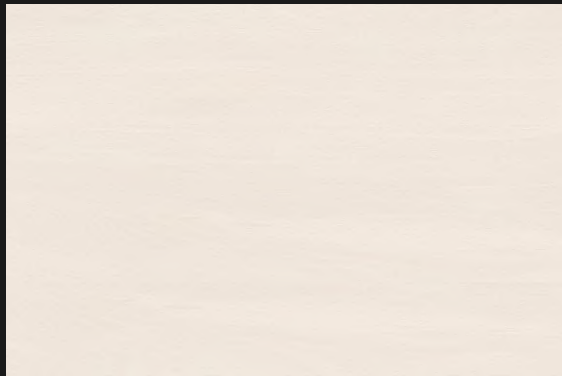


1324-HL-1



1324-HL-2





1325-LT



1325-DK



1325-HL-1



1325-HL-2



CHEMICAL AND STAIN RESISTANT



RESISTANT TO SCRATCHES



ECOLOGICAL



RESISTANT TO CHEMICALS



EASY TO CLEAN



WATER RESISTANT



1327-LT



1327-DK



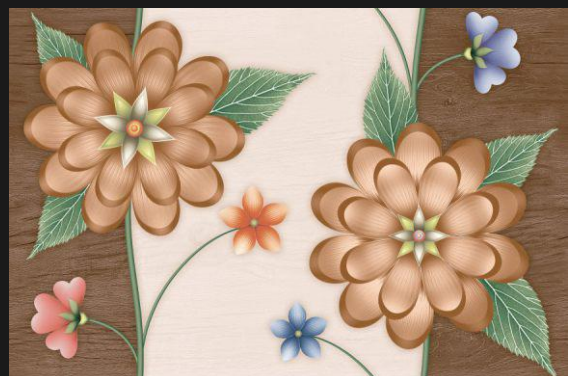
1327-HL-1



1327-HL-2



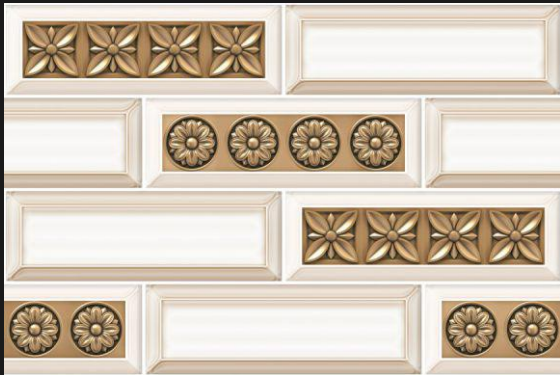
1327-HL-3



1327-HL-4



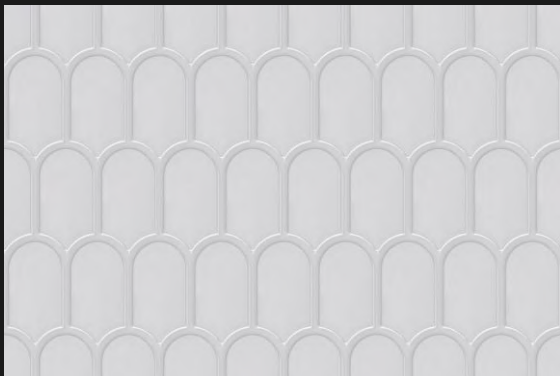
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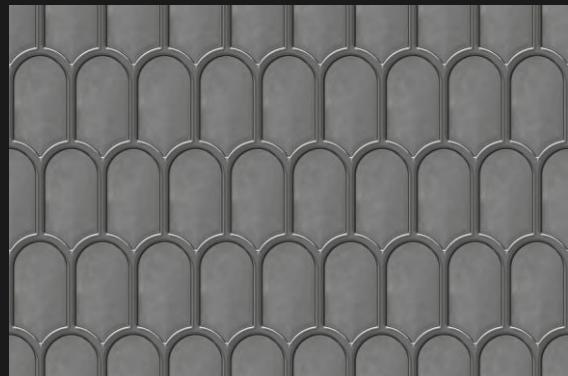
1328-HL-1



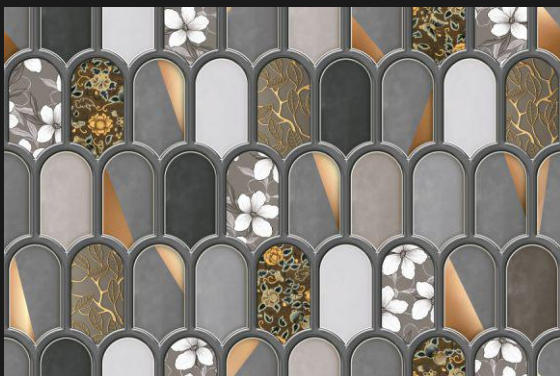
1328-HL-2



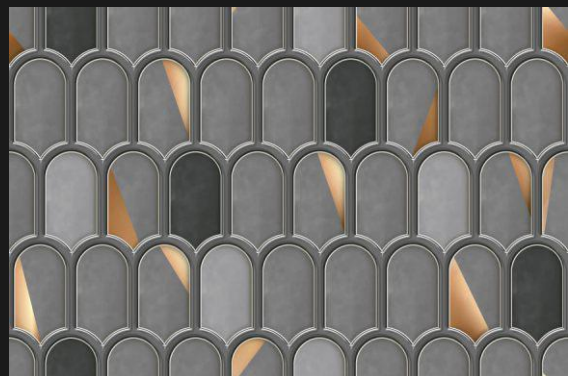
1329-LT



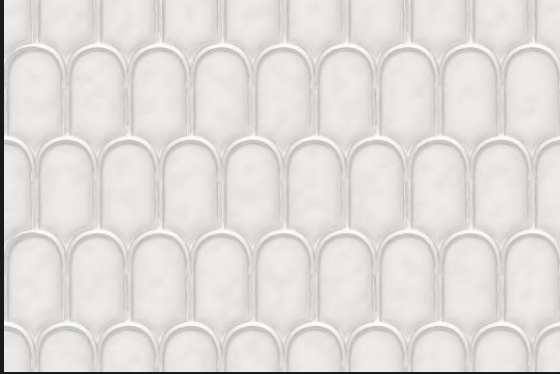
1329-DK



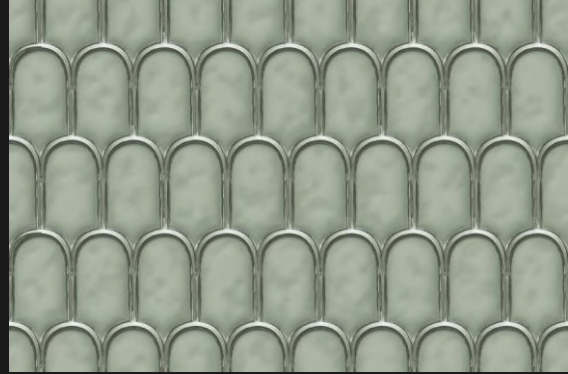
1329-HL-1



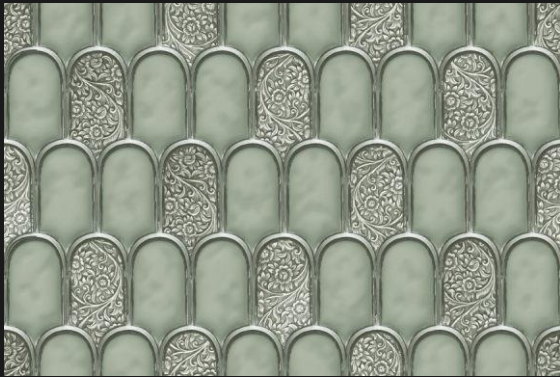
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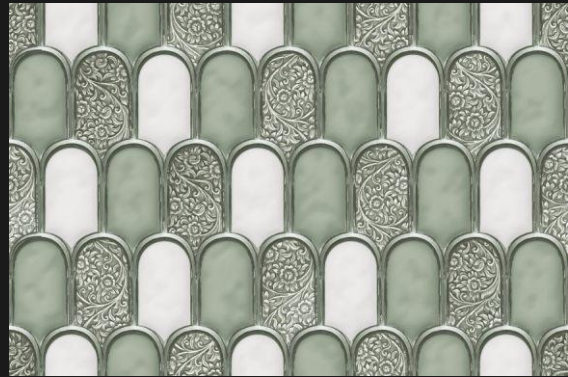
1330-LT



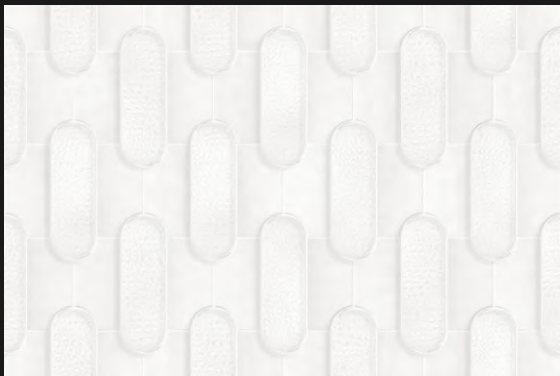
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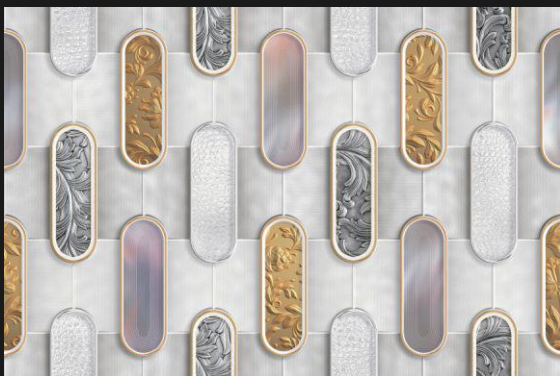
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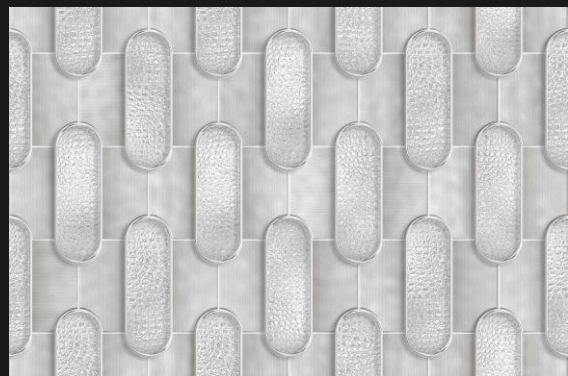
1330-HL-2



1331-LT



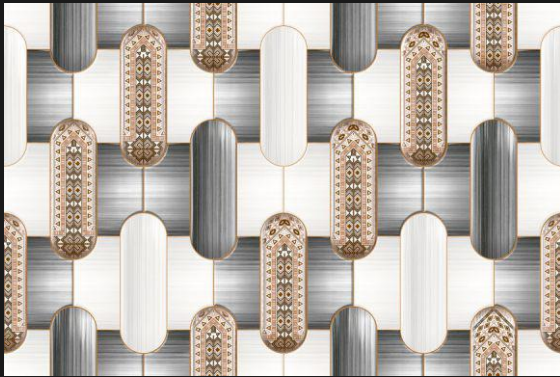
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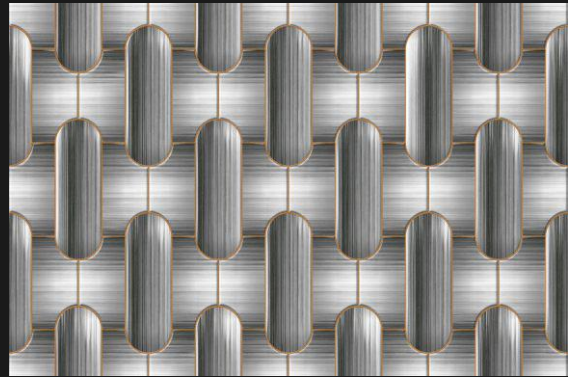
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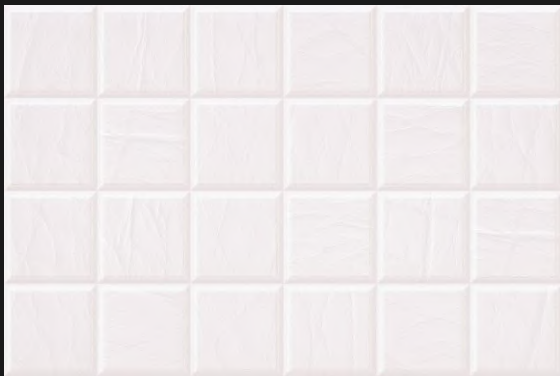
1333-LT



1333-HL-1



1333-DK



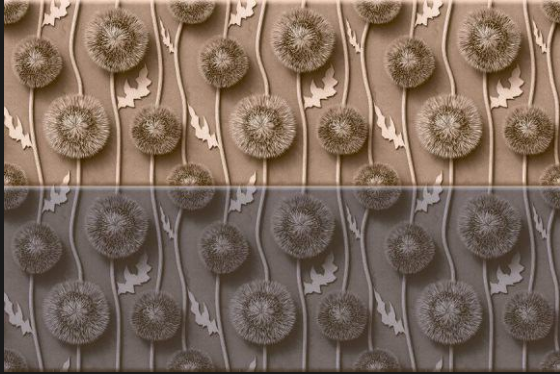
1334-LT



1334-HL-1



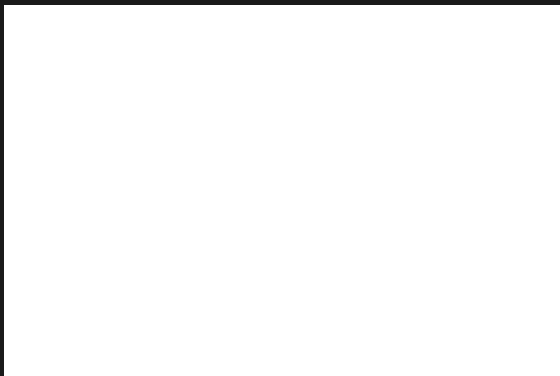
1334-DK



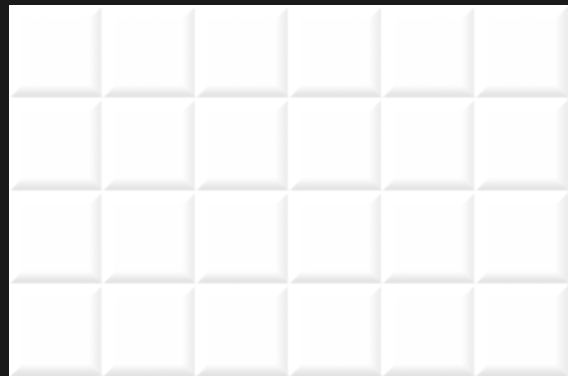
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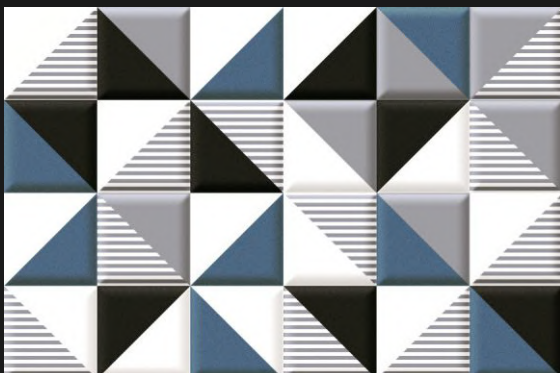
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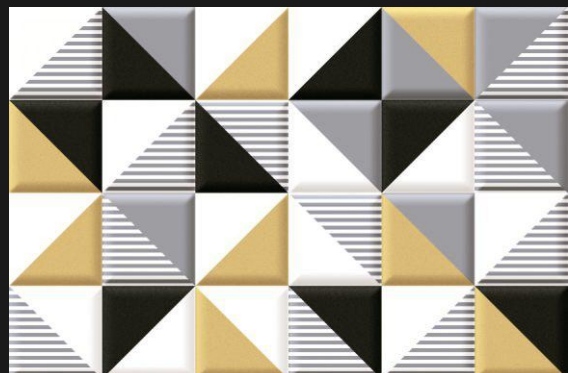
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1336-LT-2



1336-HL-1



1336-HL-2



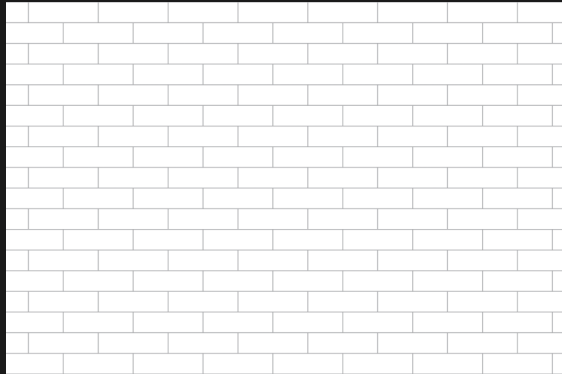
1337-LT



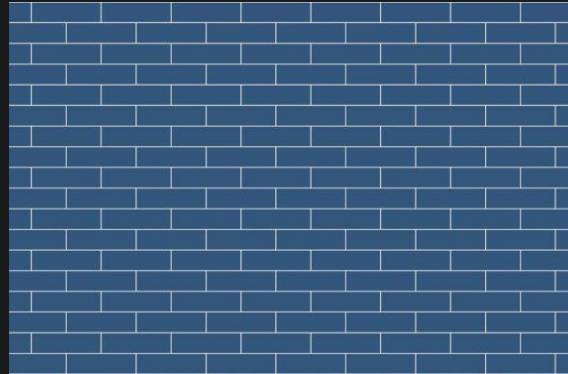
1337-HL-1



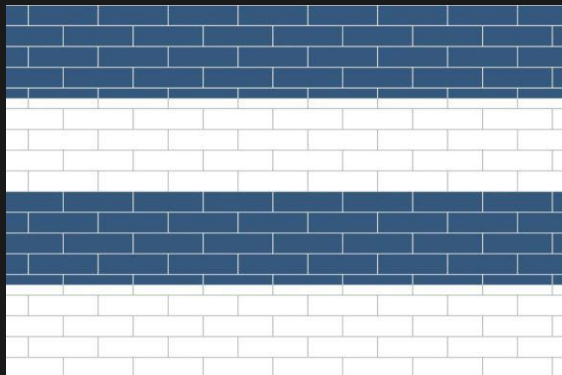
1337-DK



1338-LT



1338-DK



1338-HL-1



1338-HL-2

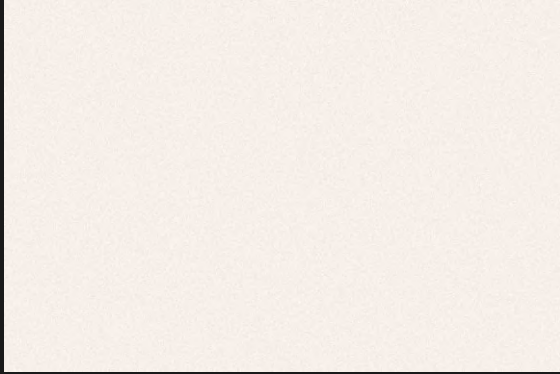


1338-HL-3



1338-HL-4





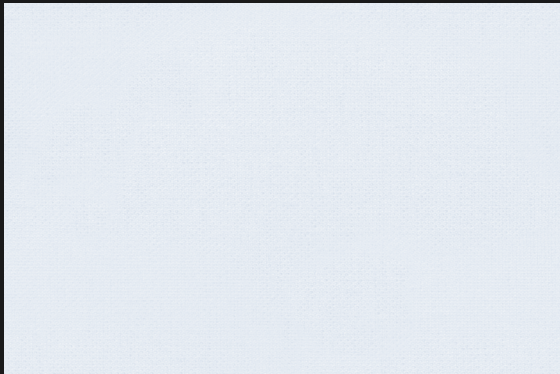
1339-LT



1339-HL-1



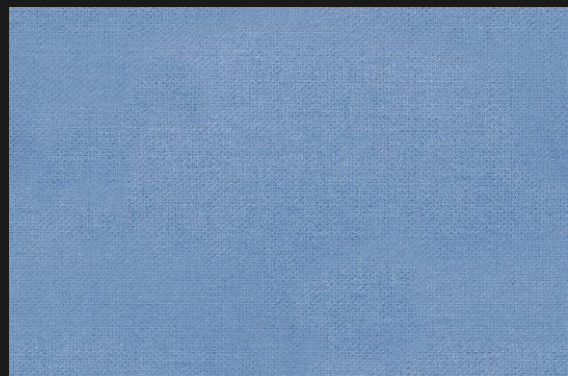
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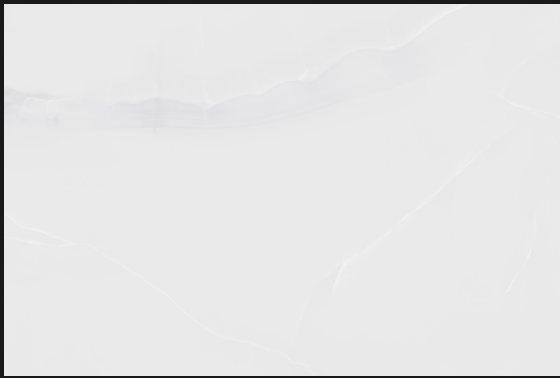
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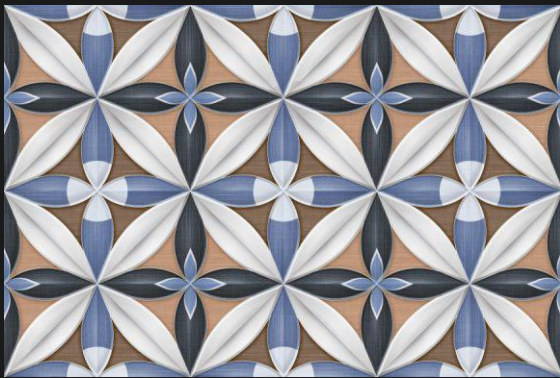
1342-HL-1



1342-DK



1343-LT



1343-HL-1



1343-DK



CHEMICAL AND STAIN RESISTANT



RESISTANT TO SCRATCHES



ECOLOGICAL



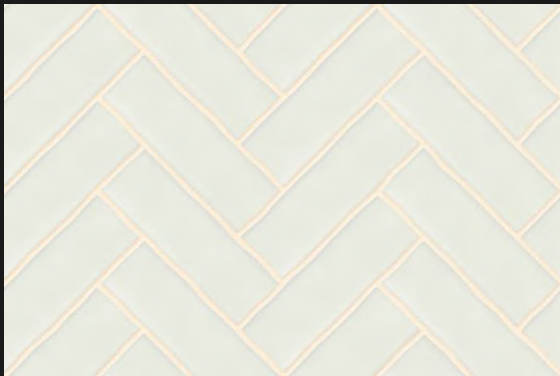
RESISTANT TO CHEMICALS



EASY TO CLEAN



WATER RESISTANT



1345-LT

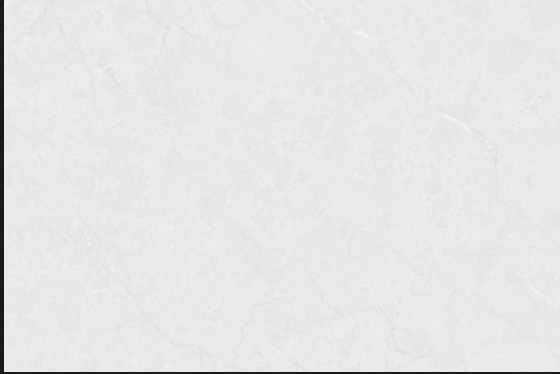


1345-HL-1

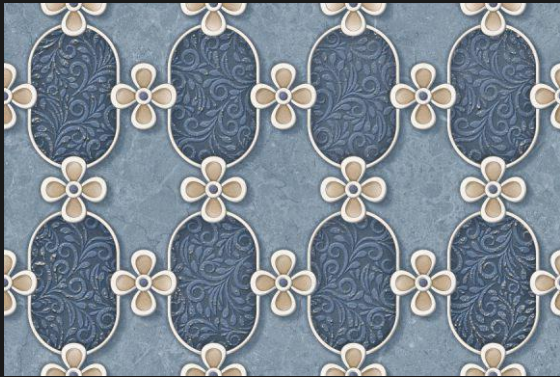


1345-DK





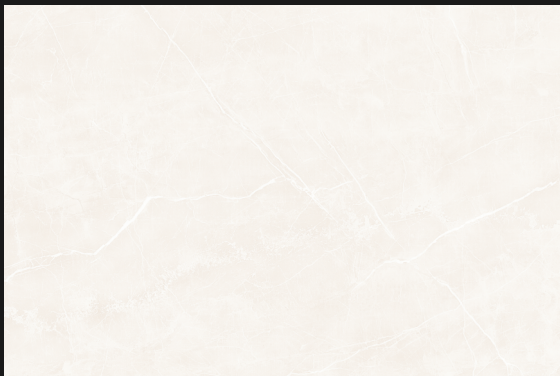
1348-LT



1348-HL-1



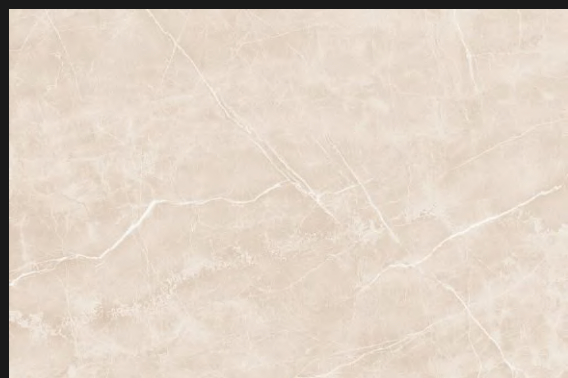
1348-DK



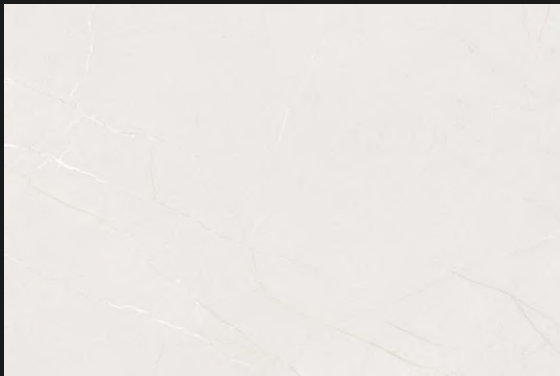
1349-LT



1349-HL-1



1349-DK



1350-LT



1350-DK



1350-HL-2



CHEMICAL AND STAIN RESISTANT



RESISTANT TO SCRATCHES



ECOLOGICAL



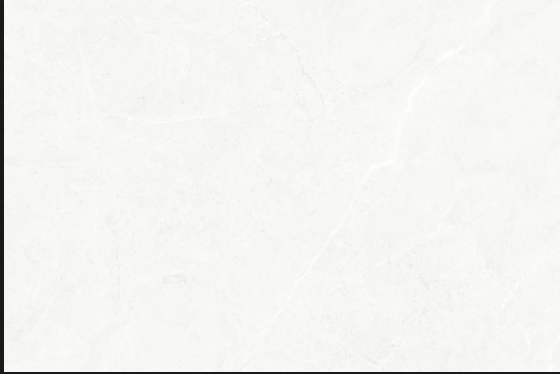
RESISTANT TO CHEMICALS



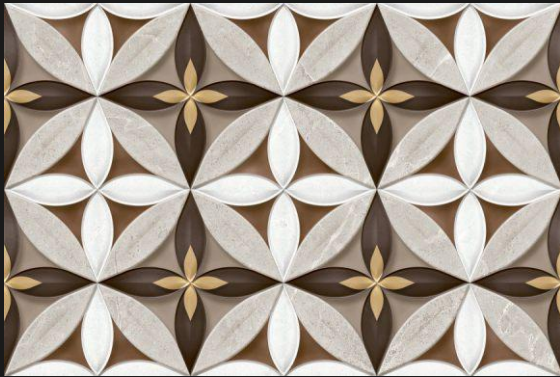
EASY TO CLEAN



WATER RESISTANT



1354-LT



1354-HL-1



1354-DK



1355-LT



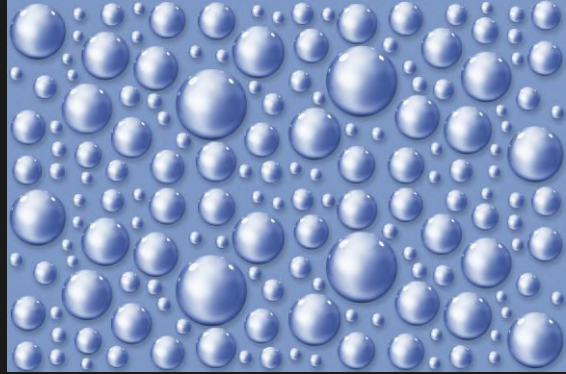
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1355-DK



1356-LT



1356-DK



1356-HL-1



1356-HL-2



1356-HL-3

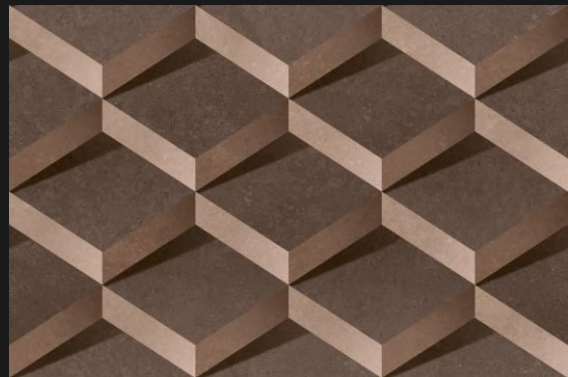




1357-LT



1357-HL-1

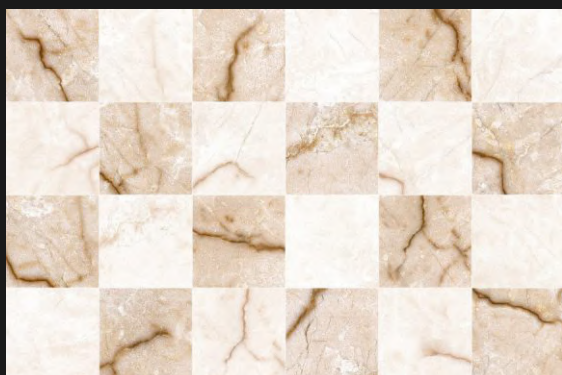


1357-DK



1358-LT-1

R-4



1358-HL-1

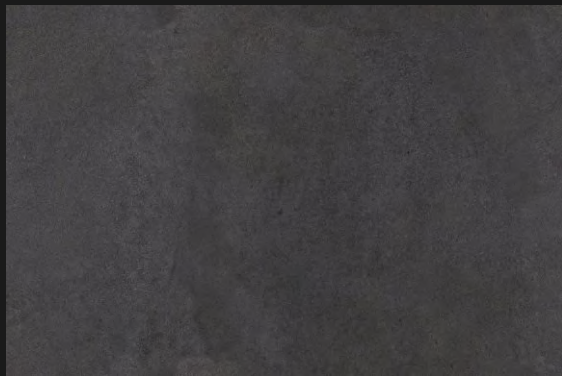


1358-DK-1

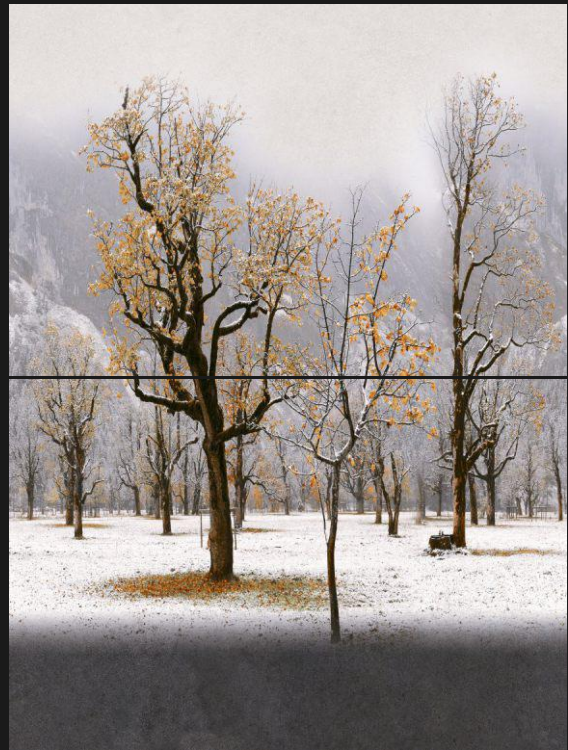
R-4



1359-LT



1359-DK



1359-HL-1-A  
1359-HL-1-B



CHEMICAL AND STAIN RESISTANT



RESISTANT TO SCRATCHES



ECOLOGICAL



RESISTANT TO CHEMICALS



EASY TO CLEAN



WATER RESISTANT



1361-LT



1361-DK



1361-HL-1



1361-HL-2



1361-HL-3



1361-HL-4



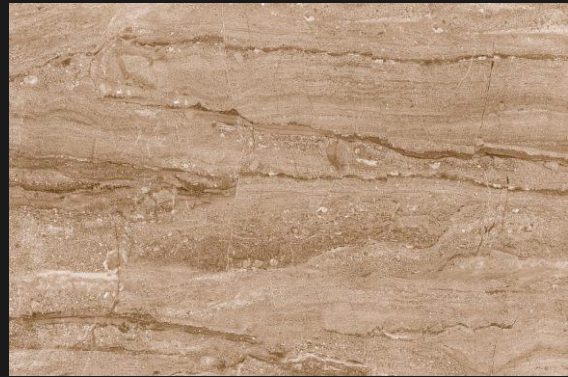
1361-HL-5



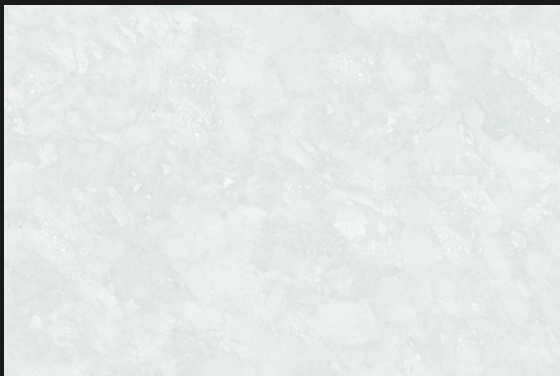
1362-LT



1362-HL-1



1362-DK



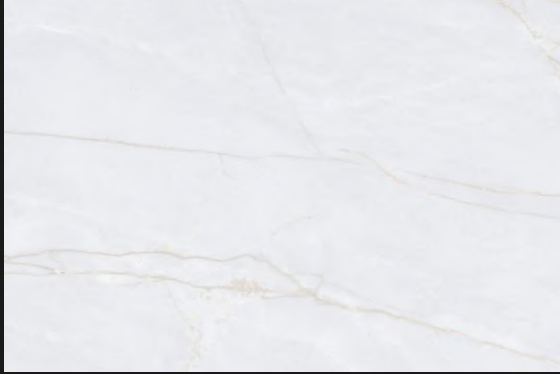
1363-LT



1363-HL-1



1363-DK



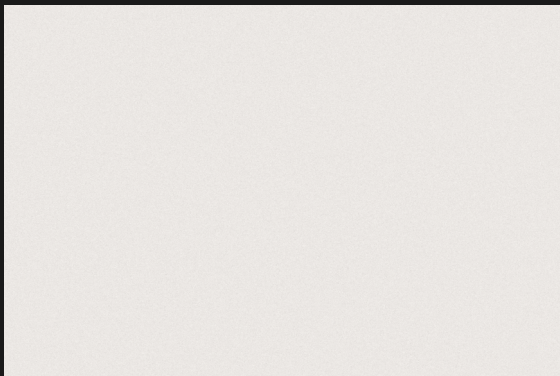
1364-LT



1364-HL-1



1364-DK



1365-LT



1365-DK



1365-HL-1-A  
1365-HL-1-B



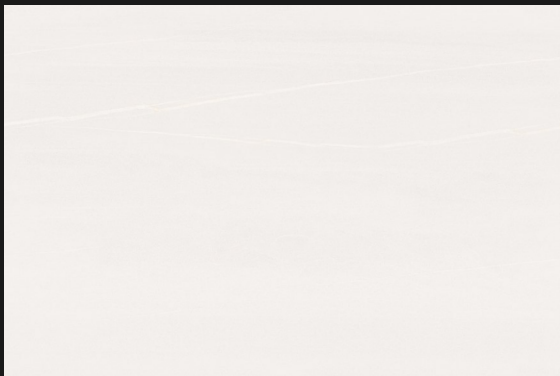
1366-LT



1366-HL-1



1366-DK



1367-LT



1367-HL-1



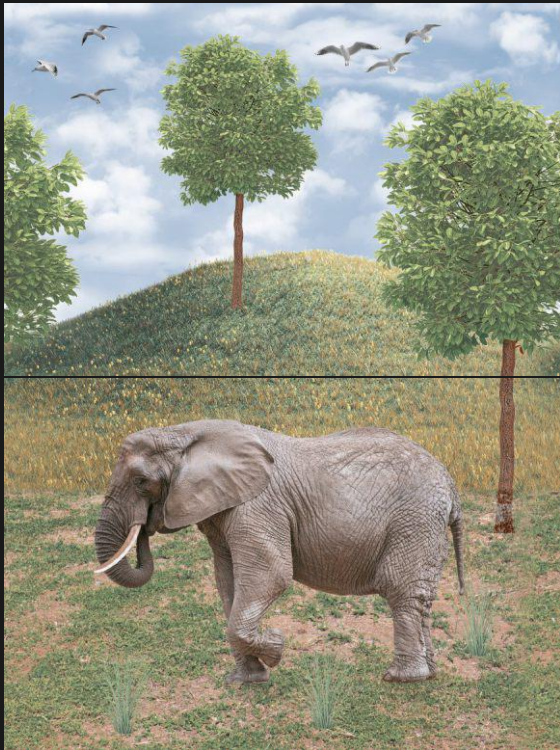
1367-DK



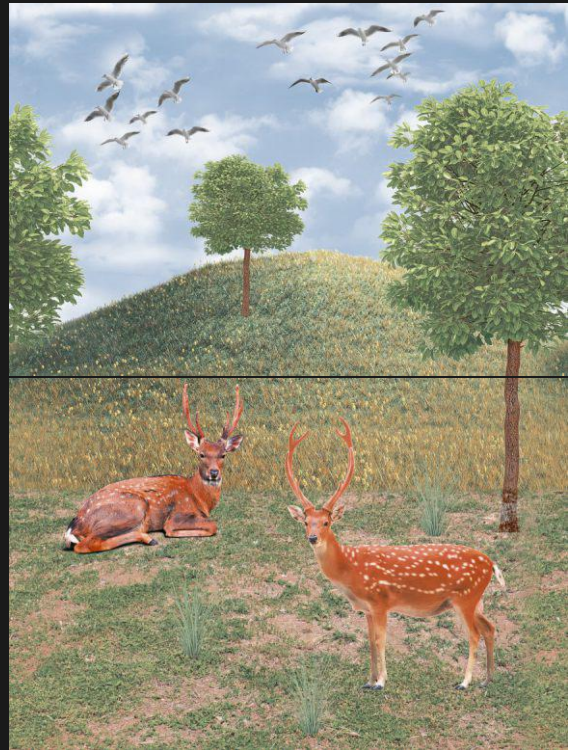
1368-LT



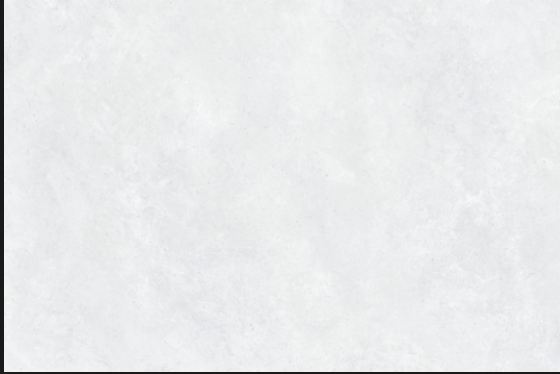
1368-DK



1368-HL-1-A  
1368-HL-1-C



1368-HL-1-B  
1368-HL-1-D



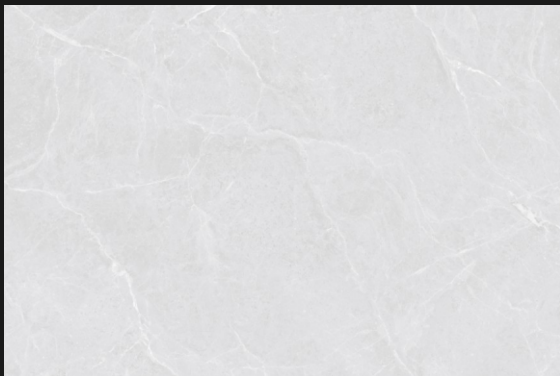
1369-LT



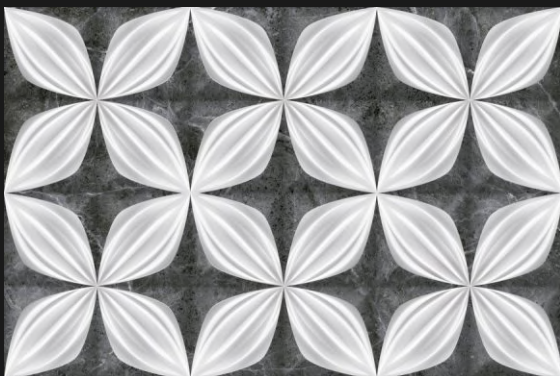
1369-HL-1



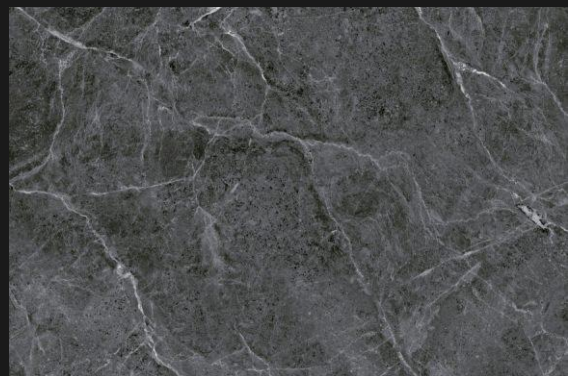
1369-DK



1370-LT



1370-HL-1



1370-DK





1371-LT



1371-HL-1



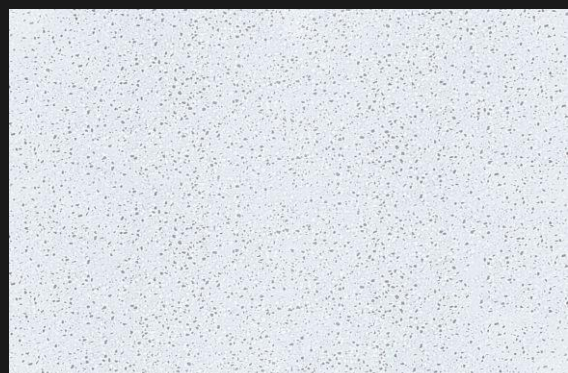
1371-DK



1372-LT



1372-HL-1



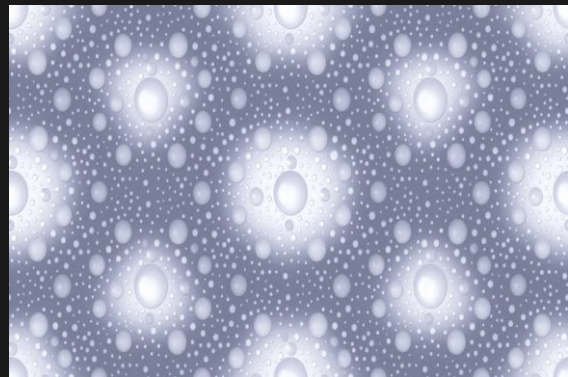
1372-DK



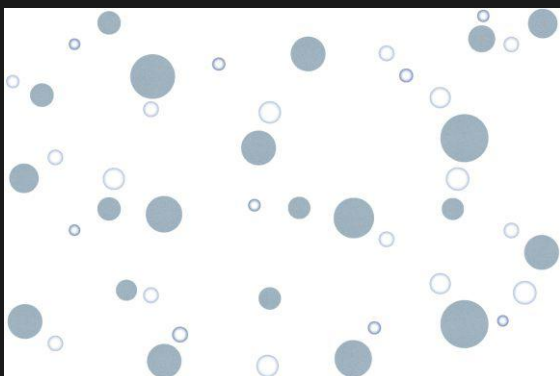
1373-LT



1373-HL-1



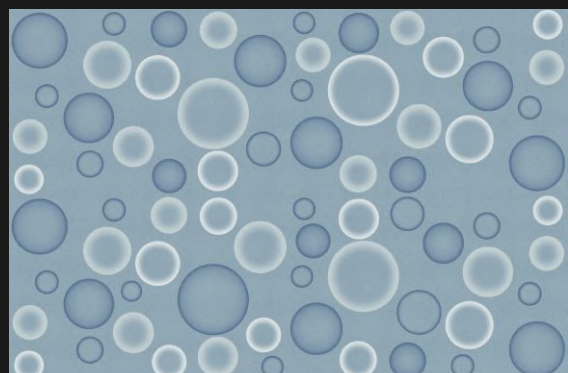
1373-DK



1374-LT



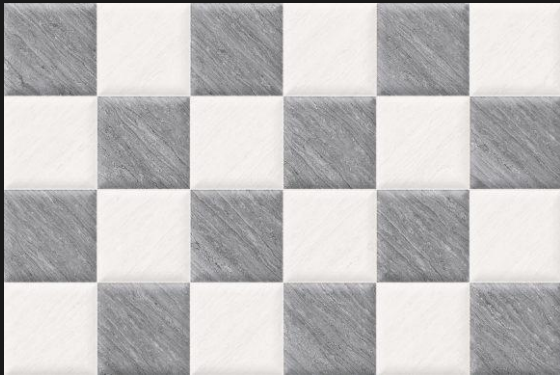
1374-HL-1



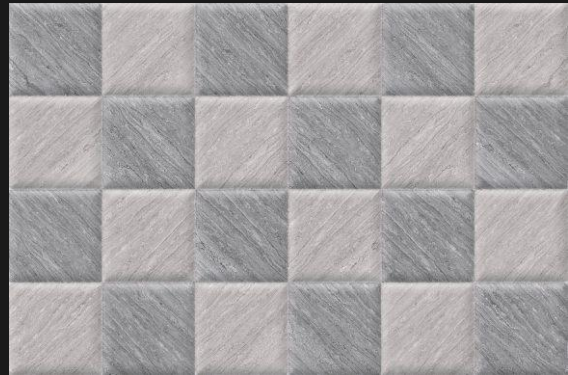
1374-DK



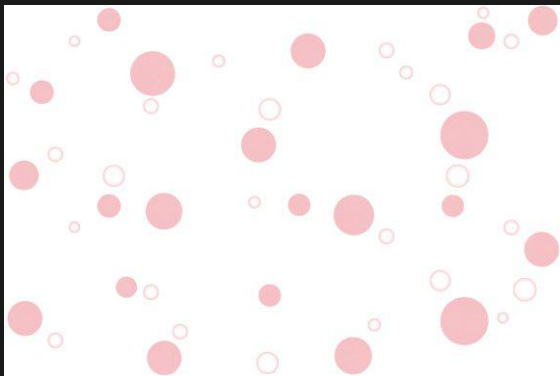
1375-LT



1375-HL-1



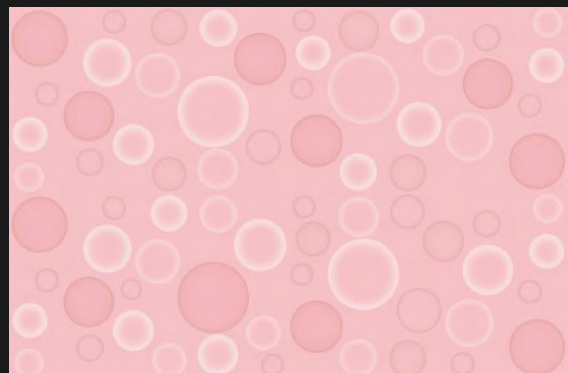
1375-DK



1376-LT



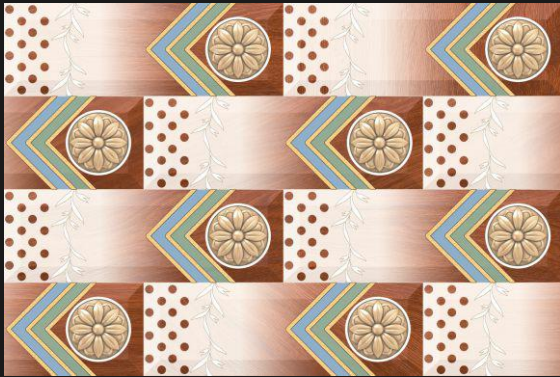
1376-HL-1



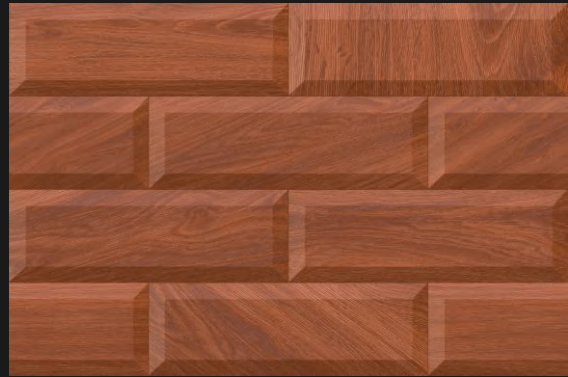
1376-DK



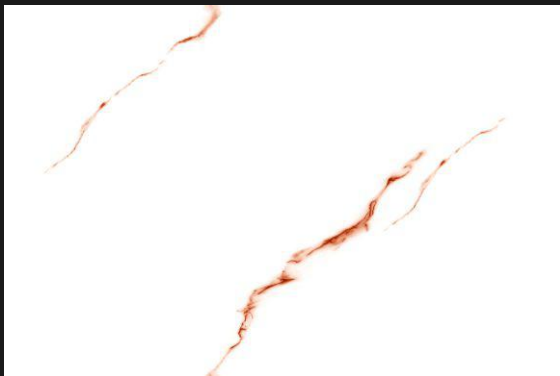
1377-LT



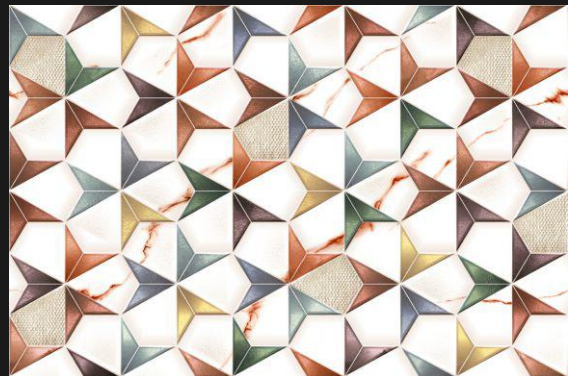
1377-HL-1



1377-DK



1378-LT



1378-HL-1



1378-HL-2



1378-HL-3



1379-LT



1379-DK



1379-HL-1



1379-HL-2



1379-HL-3



1379-HL-4



CHEMICAL AND STAIN RESISTANT



RESISTANT TO SCRATCHES



ECOLOGICAL



RESISTANT TO CHEMICALS



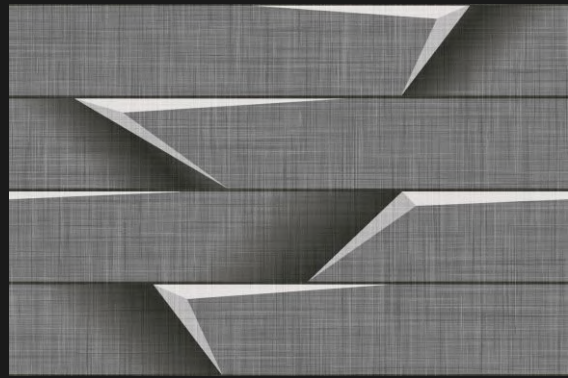
EASY TO CLEAN



WATER RESISTANT



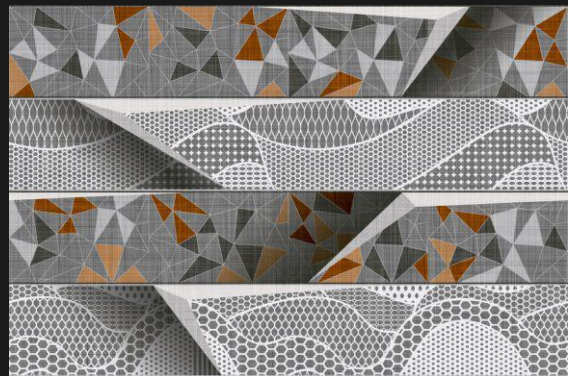
1381-LT



1381-DK



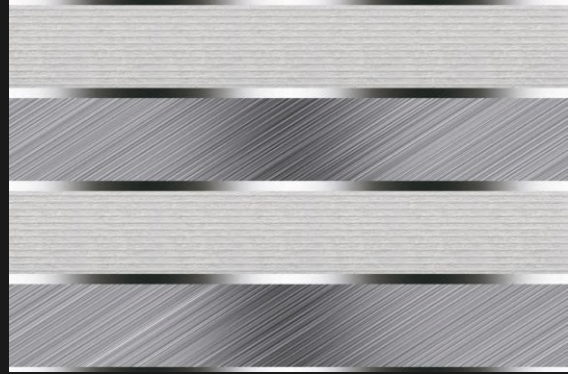
1381-HL-1



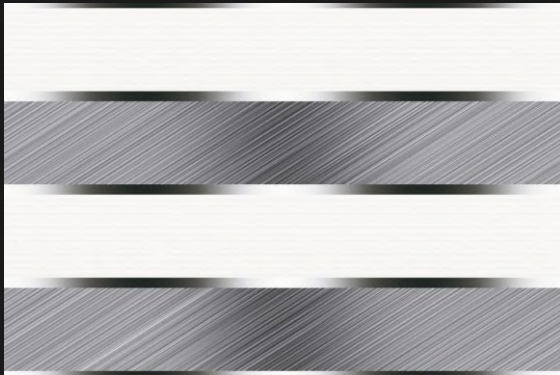
1381-HL-2



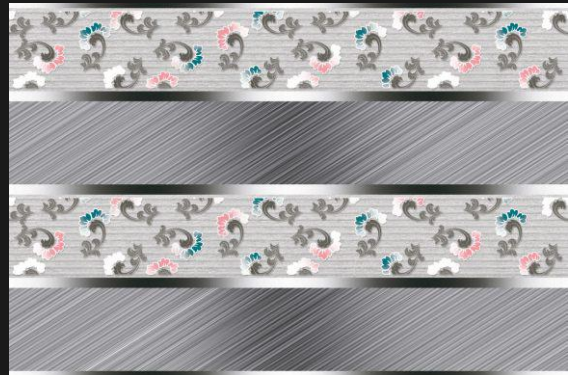
1382-LT



1382-DK



1382-HL-1



1382-HL-2



1382-HL-3



1382-HL-4



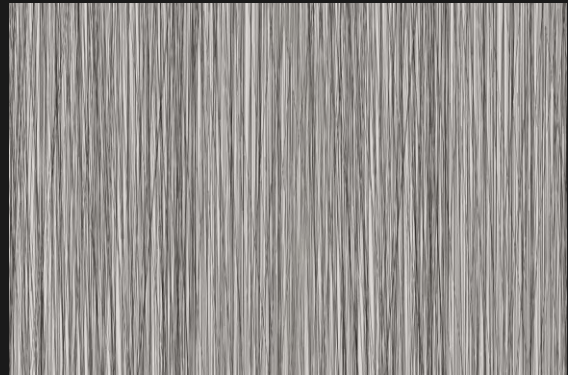
1382-HL-5



1383-LT



1383-HL-1



1383-DK







1384-LT



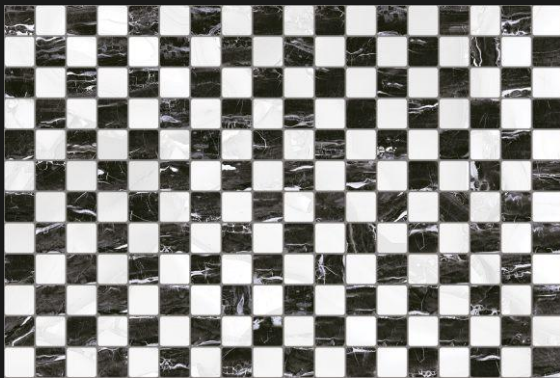
1384-DK



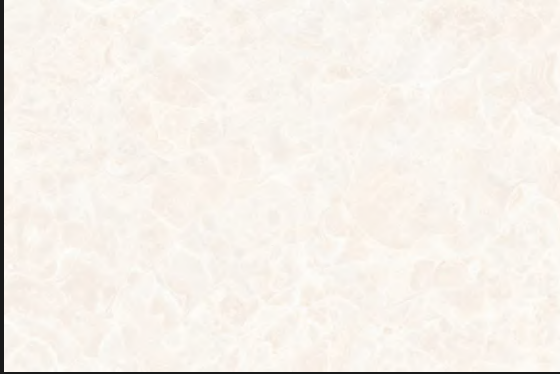
1384-HL-1



1384-HL-2



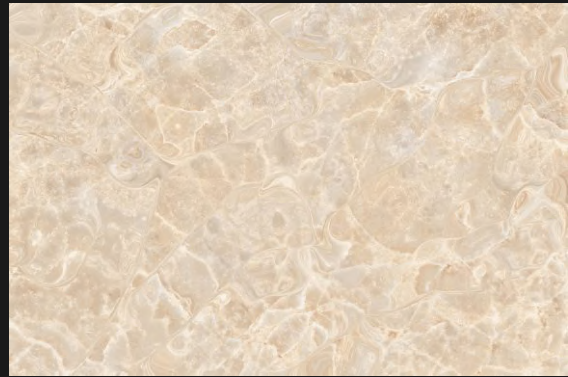
1384-HL-3



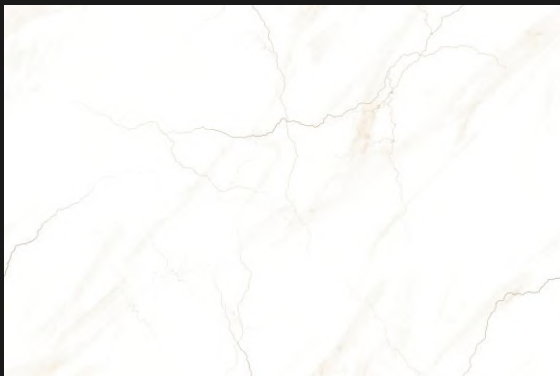
1388-LT



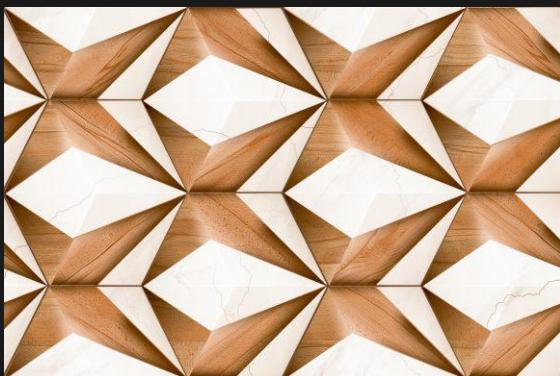
1388-HL-1



1388-DK



1390-LT



1390-HL-1



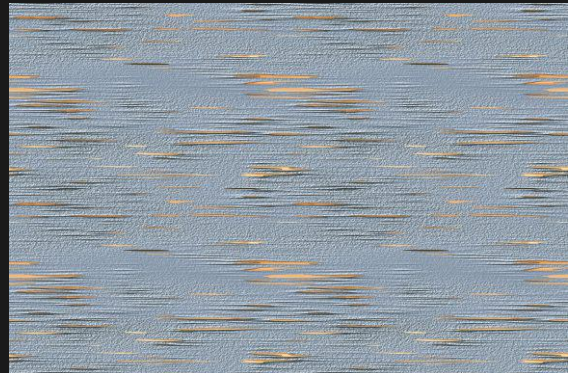
1390-DK



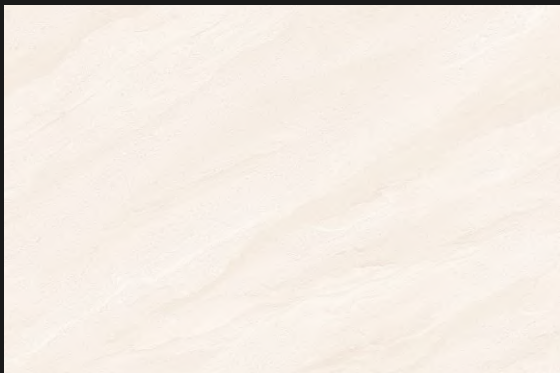
1392-LT



1392-HL-1



1392-DK



1393-LT



1393-HL-1



1393-DK



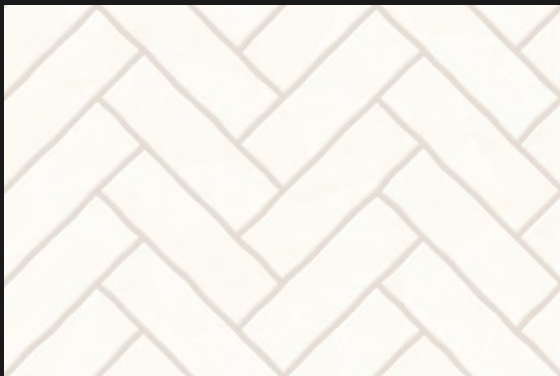
1395-LT



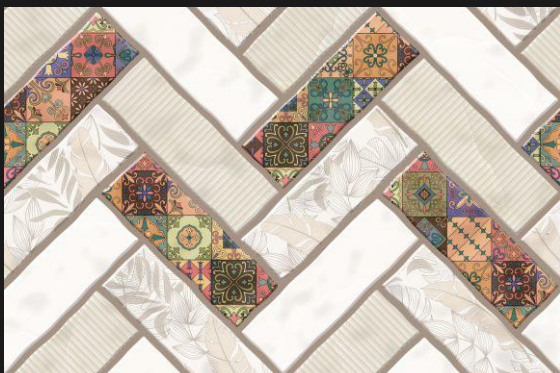
1395-HL-1



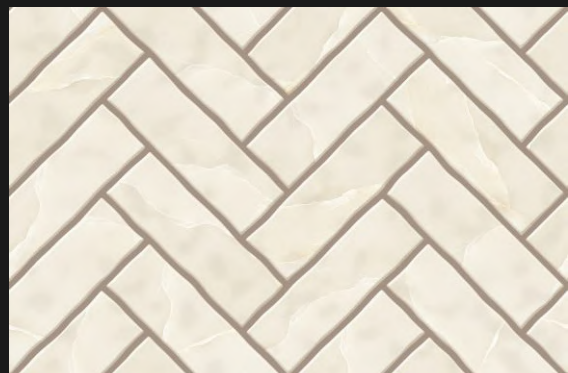
1395-DK



1396-LT



1396-HL-1



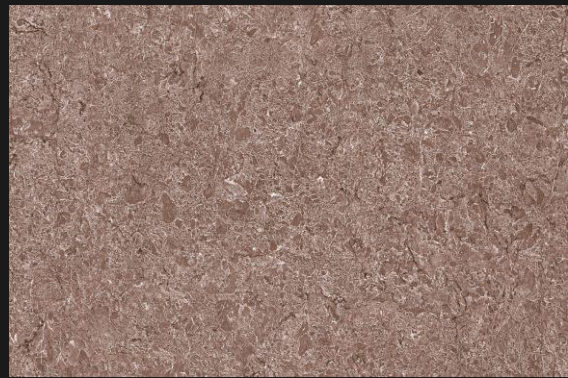
1396-DK



1398-LT



1398-HL-1



1398-DK

# Technical Specification

CHARACTERISTIC	IS-15622:2017 (Group B III) TABLE-9	MEAN VALUE	TEST METHOD
<b>Dimension &amp; Surface Quality</b>			
Deviation in length and width	± 0.20 %	± 0.10 %	IS 13630 (Part 1):2006
Deviation in thickness	± 5.00 %	± 4.00 %	IS 13630 (Part 1):2006
Straightness in side	± 0.15 %	± 0.10 %	IS 13630 (Part 1):2006
Rectangularity	± 0.20 %	± 0.15 %	IS 13630 (Part 1):2006
Surface flatness	± 0.30 %	± 0.20 %	IS 13630 (Part 1):2006
Surface quality	Min. 95%	Min. 95%	IS 13630 (Part 1):2006
<b>Physical &amp; Thermal Properties</b>			
Water Absorption %	E ≥ 10%	16±2% (Max. 18%)	IS 13630 (Part 2):2006
MOR in N/mm <sup>2</sup>	Avg.12 for thickness < 7.5mm, Avg.15 for thickness ≥ 7.5mm	Conforms	IS 13630 (Part 6):2006
Bending Strength in N	200 for ≤ 7.5mm thickness, 600 for > 7.5mm thickness	Conforms	IS 13630 (Part 6):2006
Scratching Resistance	Min. 3	Conforms	IS 13630 (Part 13):2006
Moisture Expansion in mm/m	0.04 %	Conforms	IS 13630 (Part 3):2006
Thermal Shock	Min. 10 Cycles	Passed 10 Cycle	IS 13630 (Part 5):2006
Co-efficient of Liner Thermal Expansion	Max. 9.0 x 10 <sup>-6</sup> K <sup>-1</sup>	Conforms	IS 13630 (Part 4):2006
Crazing Resistance	4 Cycle @ 7.5 Bar Min.	4 Cycle Passed	IS 13630 (Part 9):2006
<b>Chemical Properties</b>			
Resistance to Staining	Class 1 Min.	Conforms	IS 13630 (Part 8):2006
Resistance to House hold Chemicals	Class AA Min.	Conforms	IS 13630 (Part 8):2006

**NOTE:** All Technical Specification in this catalogue are for Premium Grade Material only.

## Packing Details

SIZE	THICKNESS	TILES / BOX	COVERAGE AREA / BOX	WEIGHT / BOX
300x450mm	7.8mm	06 pcs	0.81 sq. mtr. 8.718 sq. ft.	10.600 kg (approx)
300x300mm	7.5mm	08 pcs	0.72 sq. mtr. 7.750 sq. ft.	09.200 kg (approx)



## Liona Tiles LLP

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