



WATER PROOF

**Flower Wallpaper**  
**300X450MM**

**VOL-2**



[www.lionatiles.com](http://www.lionatiles.com)

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## *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.

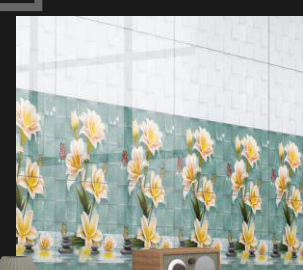
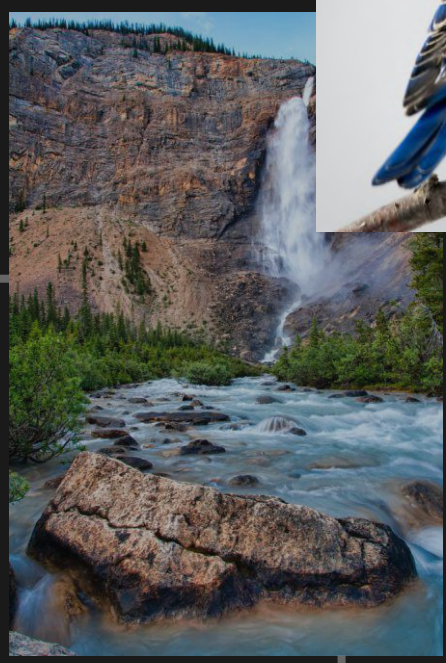


# A Source Of Inspiration

Walls become a canvas prepared to be decorated, where the only limit is our imagination.

A new concept of wall tile presented in a small format where the combination of colours and the use of different volumes and effects are the main theme.

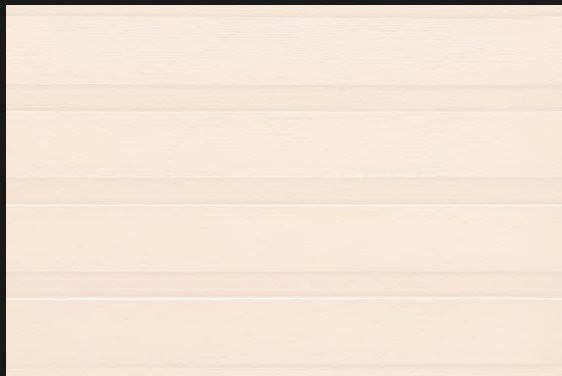
Mixing, combining styles, boosting the creativity in every space. Offering an endlessly number of possibilities in shapes, motives, designs and effects, with relief and volumes, capable of attracting everyone's attention.



# Praiseworthy Effulgence

Reinventing the traditional  
to suit the contemporary  
needs.





4037-LT



4037-DK



4037-HL-1  
4037-HL-2

**TECHNICAL INFORMATION**



Wall Tiles



Easy to Install



Frost Proff



Easy to Clean



Low Water Absorption



Chemical Resistance



Stain Resistance



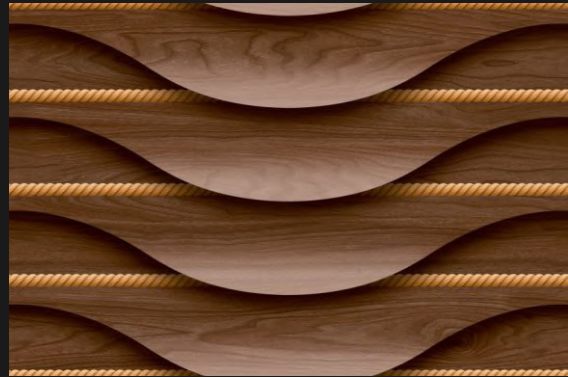
Ecological



4038-LT



4038-HL-1



4038-DK





4039-LT



4039-DK



4039-HL-1  
4039-HL-2



4039-HL-3 (A)  
4039-HL-3 (B)



4040-LT



4040-DK



4040-HL-1 (A)  
4040-HL-1 (B)



4041-LT



4041-DK

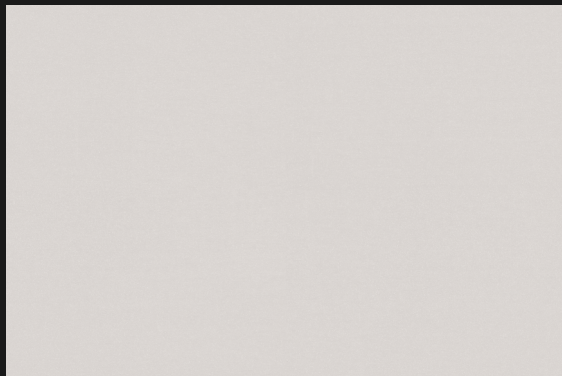


4041-HL-1

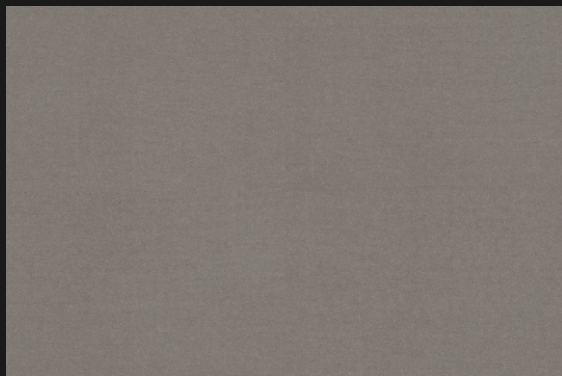


4041-HL-2

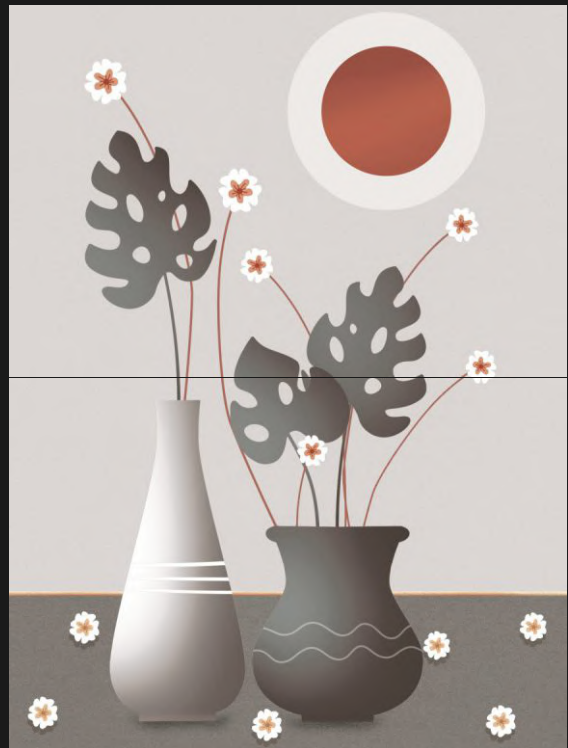




4042-LT



4042-DK



4042-HL-1 (A)  
4042-HL-1 (B)

**TECHNICAL INFORMATION**



Wall Tiles



Easy to Install



Frost Proff



Easy to Clean



Low Water Absorption



Chemical Resistance



Stain Resistance



Ecological



4043-LT



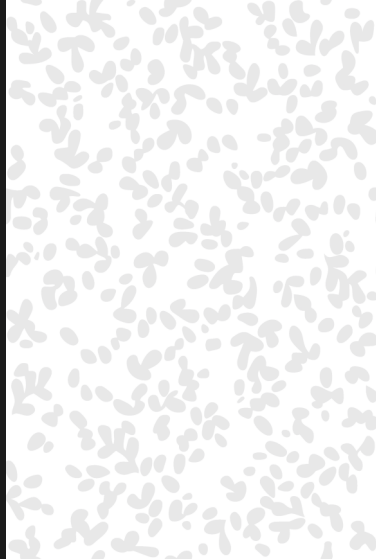
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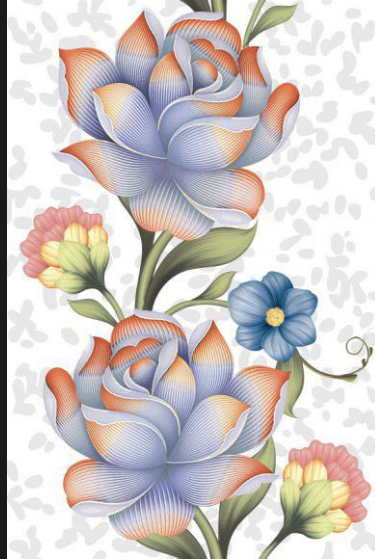
4043-HL-1 (A)  
4043-HL-1 (B)



4043-HL-2



4044-LT



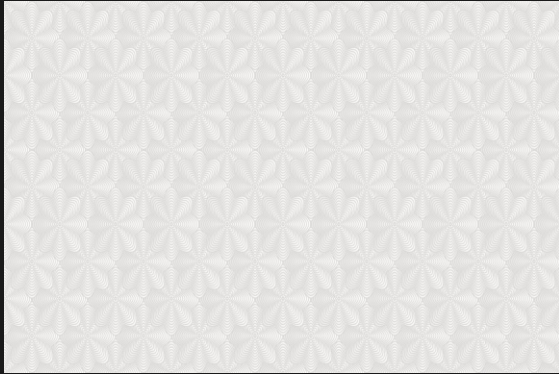
4044-HL-1



4044-HL-2



4044-HL-3



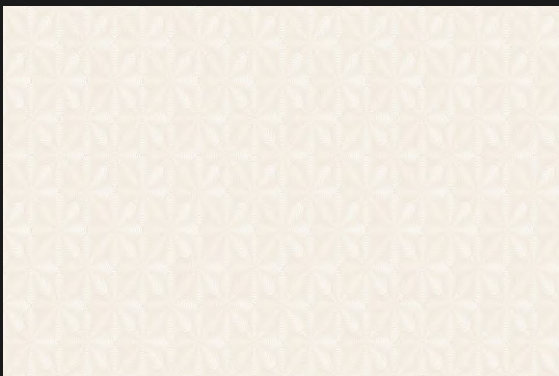
4045-LT



4045-HL-1



4045-HL-3



4046-LT



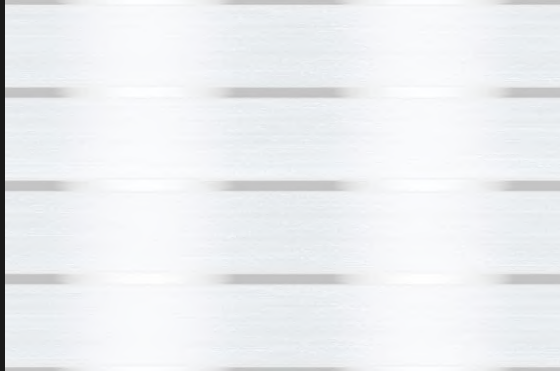
4046-HL-1



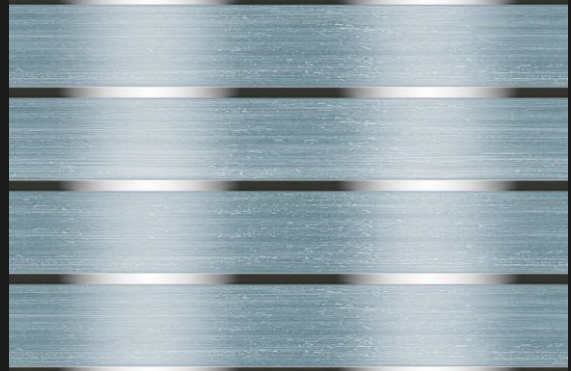
4046-HL-2



4046-HL-3



4047-LT



4047-DK



4047-HL-1



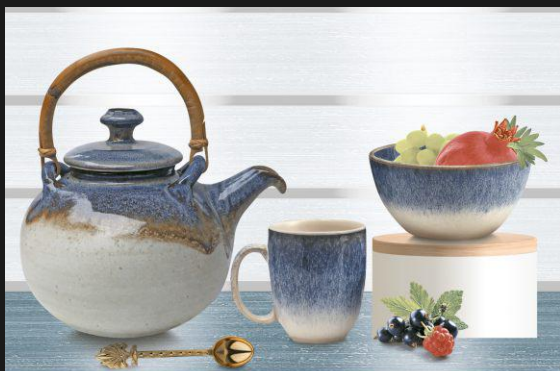
4047-HL-2



4047-HL-3



4047-HL-4



4047-HL-5



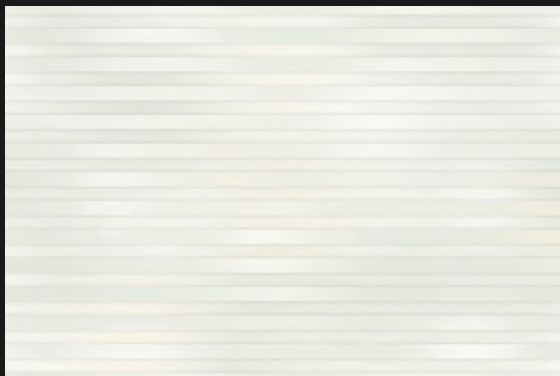
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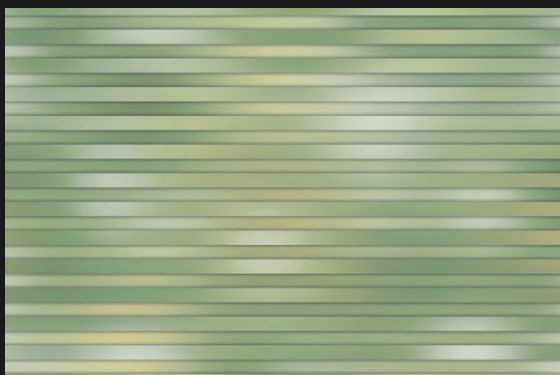
4048-DK



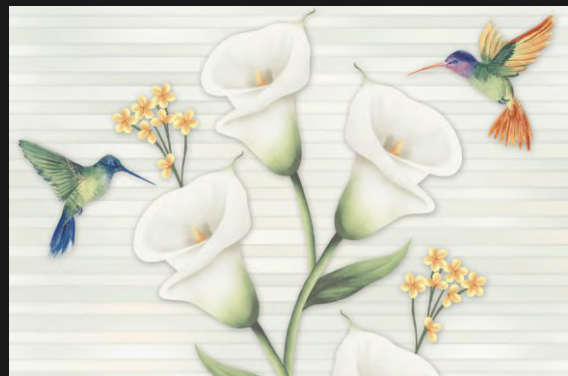
4048-HL-1 (A)  
4048-HL-1 (B)



4049-LT



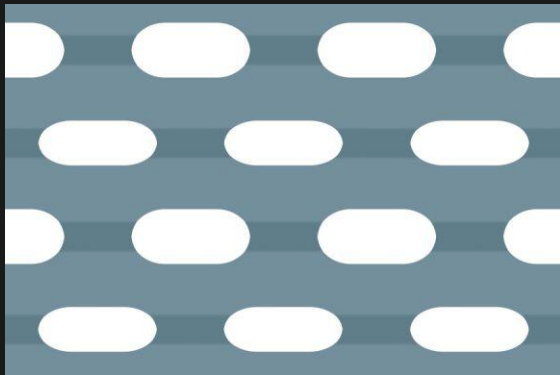
4049-DK



4049-HL-1 (A)  
4049-HL-1 (B)



4050-LT



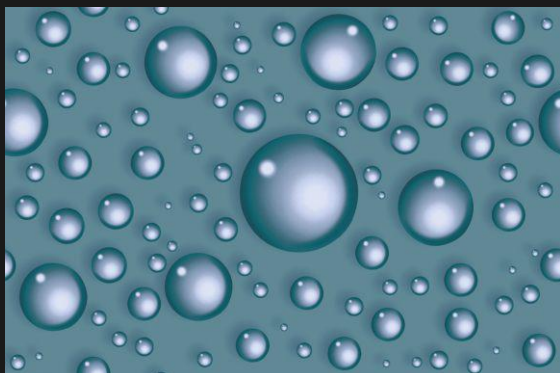
4050-DK



4050-HL-1 (A)  
4050-HL-1 (B)



4051-LT



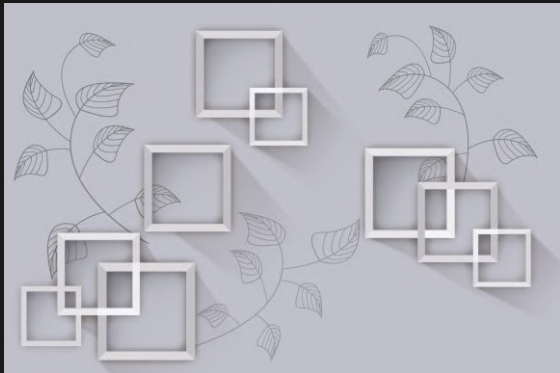
4051-DK



4051-HL-1 (A)  
4051-HL-1 (B)



4052-LT



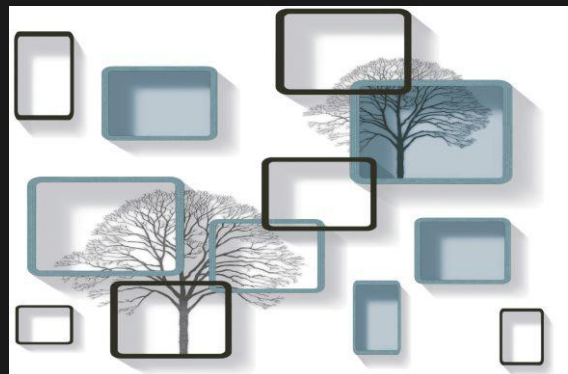
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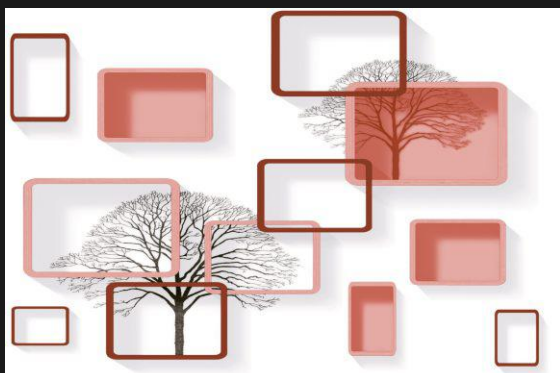
4052-HL-1



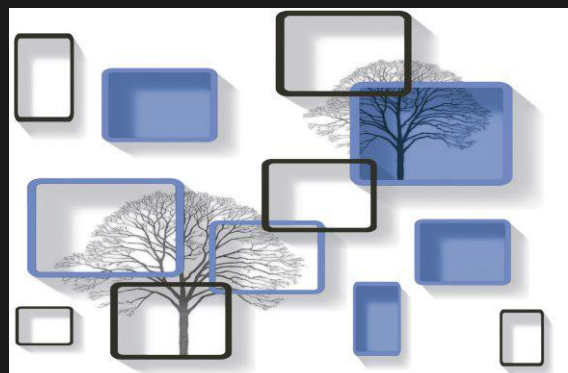
4053-LT



4053-HL-1



4053-HL-2

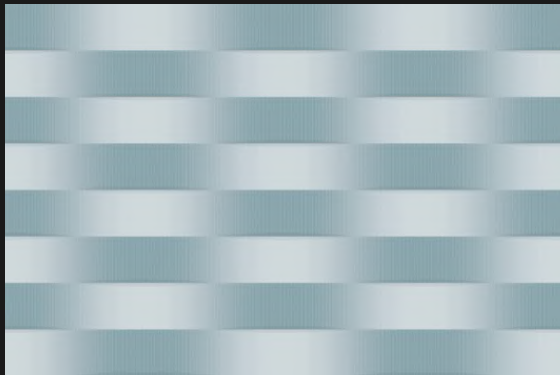


4053-HL-3





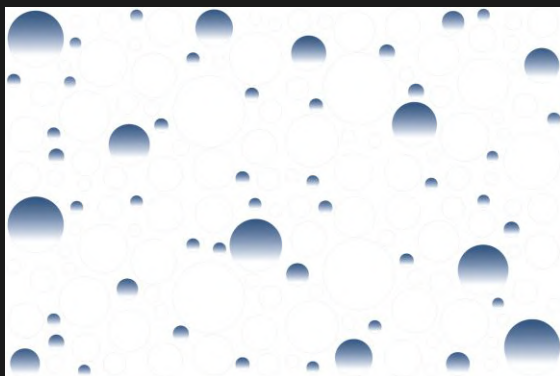
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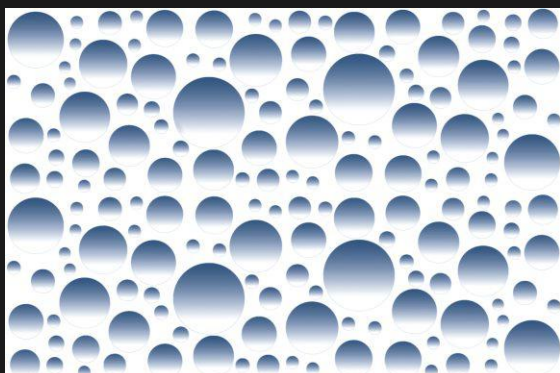
4054-DK



4054-HL-1 (A)  
4054-HL-1 (B)



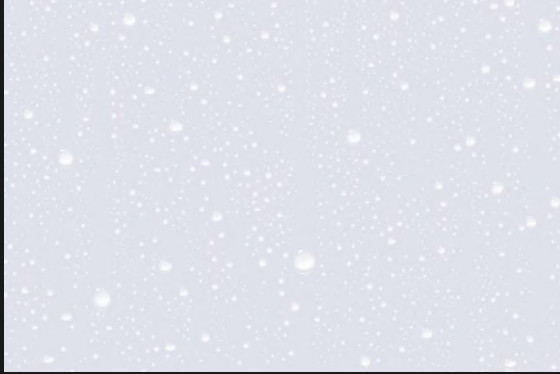
4055-LT



4055-DK



4055-HL-1



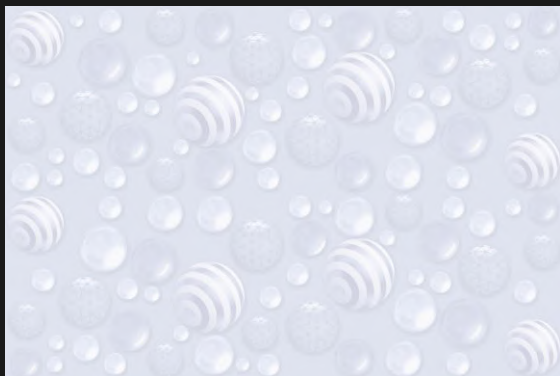
4056-LT



4056-DK



4056-HL-1



4057-LT



4057-DK



4057-HL-1



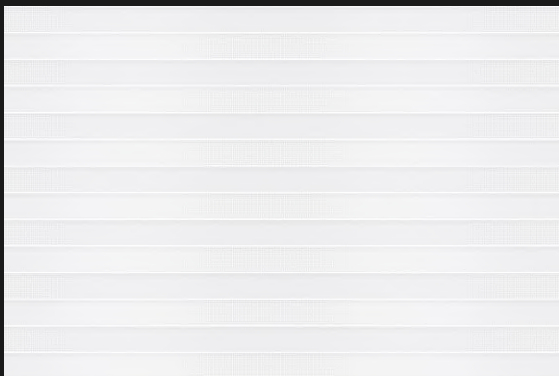
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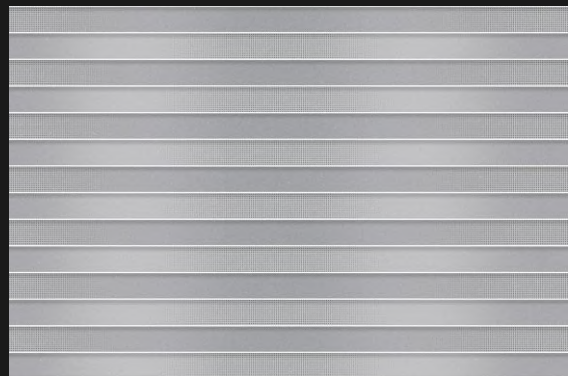
4058-DK



4058-HL-1 (A)  
4058-HL-1 (B)



4059-LT



4059-DK



4059-HL-1



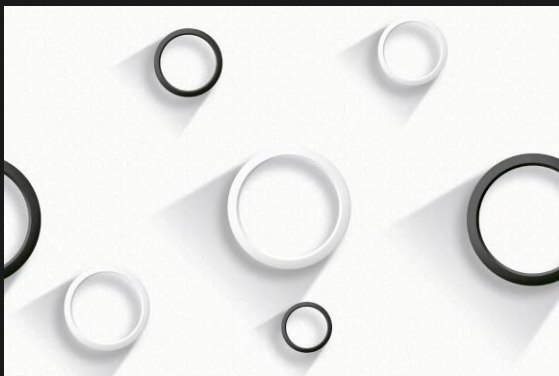
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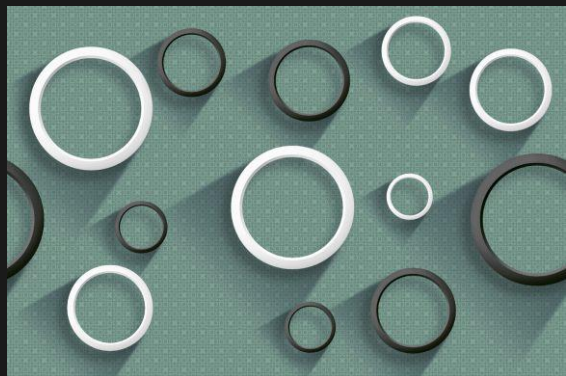
4060-DK



4060-HL-1 (A)  
4060-HL-1 (B)



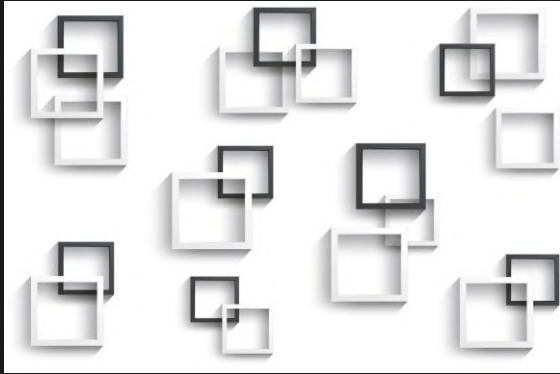
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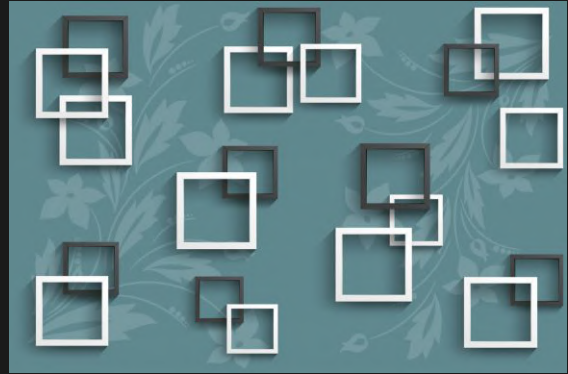
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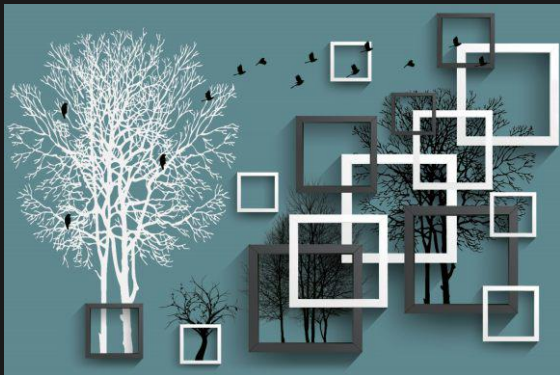
4061-HL-1



4062-LT



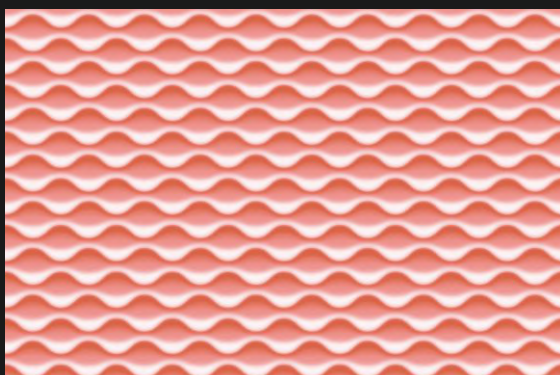
4062-DK



4062-HL-1



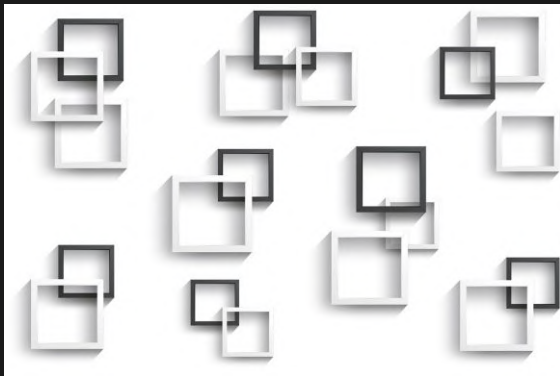
4063-LT



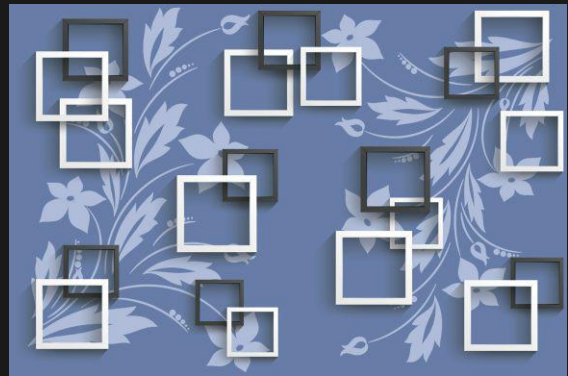
4063-DK



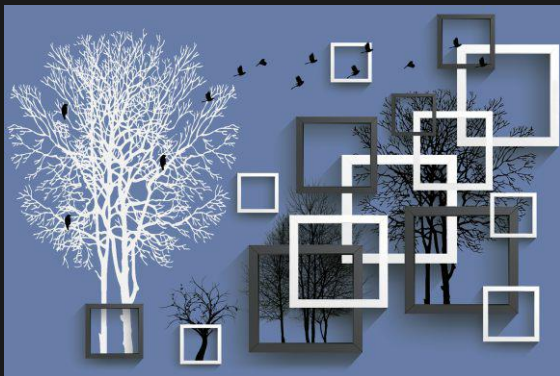
4063-HL-1 (A)  
4063-HL-1 (B)



4064-LT



4064-DK



4064-HL-1

**TECHNICAL INFORMATION**



Wall Tiles



Easy to Install



Frost Proff



Easy to Clean



Low Water Absorption



Chemical Resistance



Stain Resistance



Ecological



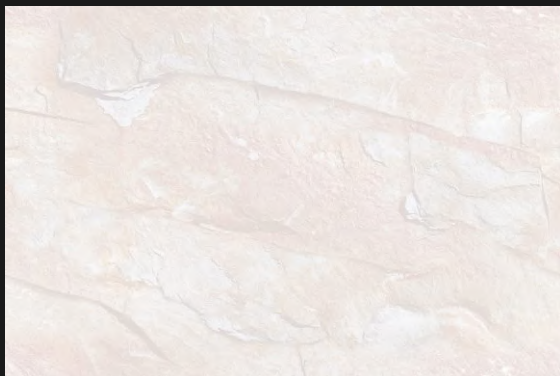
4065-LT



4065-DK



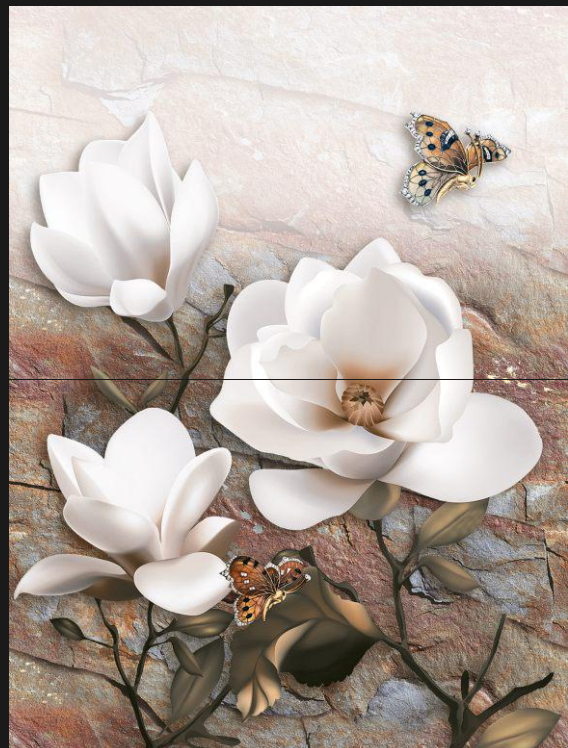
4065-HL-1 (A)  
4065-HL-1 (B)



4066-LT



4066-DK



4066-HL-1 (A)  
4066-HL-1 (B)



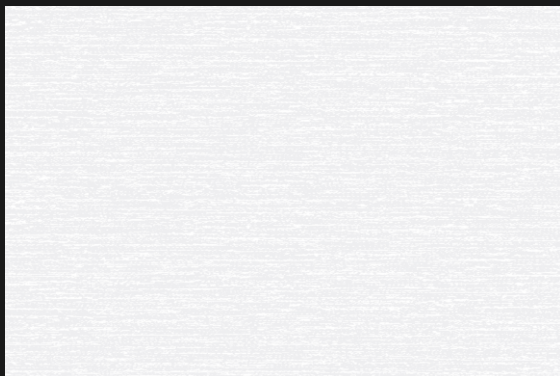
4067-LT



4067-DK



4067-HL-1 (A)  
4067-HL-1 (B)



4068-LT

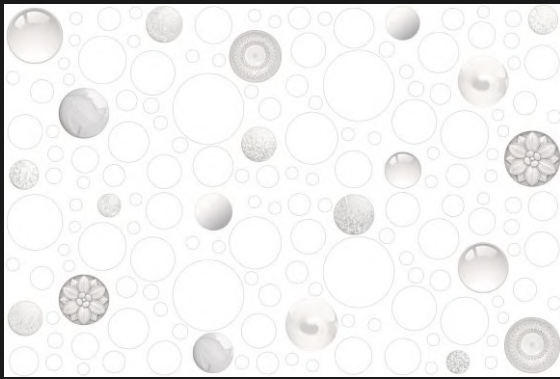


4068-DK

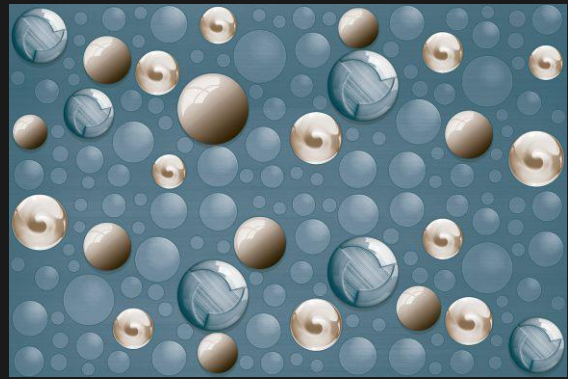


4068-HL-1 (A)  
4068-HL-1 (B)





4069-LT



4069-DK



4069-HL-1

**TECHNICAL INFORMATION**



Wall Tiles



Easy to Install



Frost Proff



Easy to Clean



Low Water Absorption



Chemical Resistance



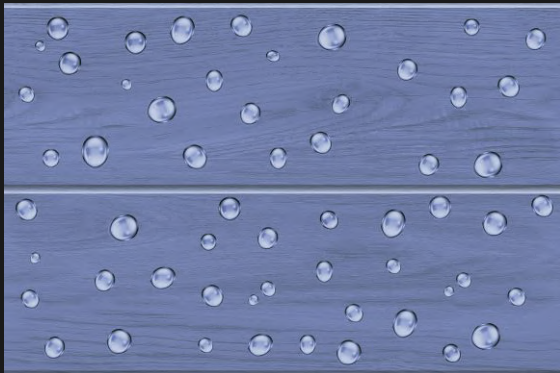
Stain Resistance



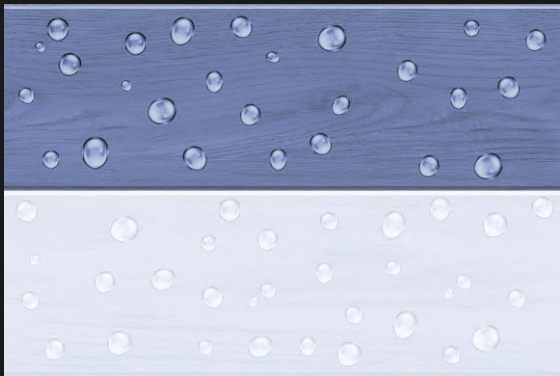
Ecological



4070-LT



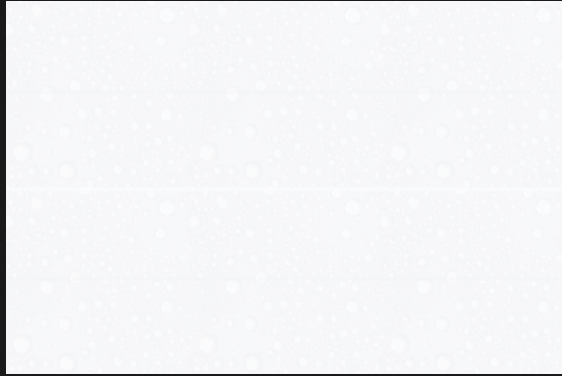
4070-DK



4070-HL-2



4070-HL-1 (A)  
4070-HL-1 (B)



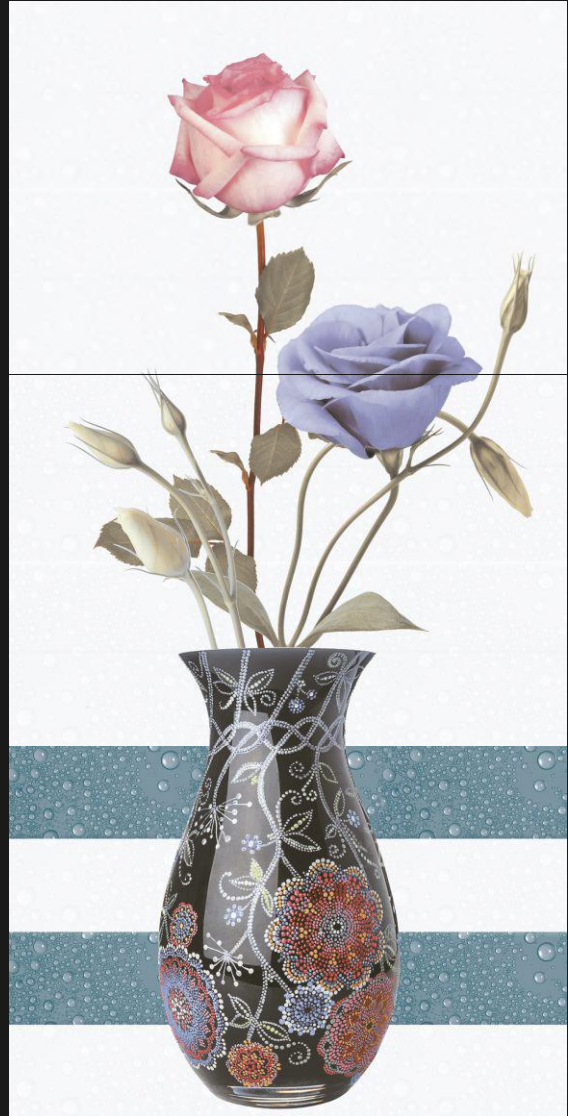
4071-LT



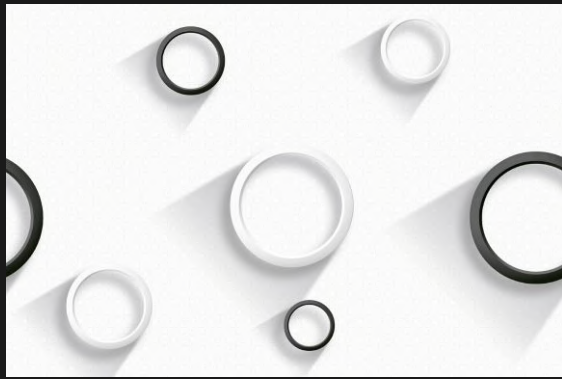
4071-DK



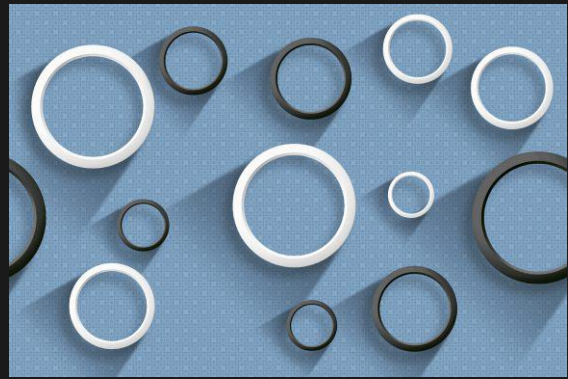
4071-HL-2



4071-HL-1 (A)  
4071-HL-1 (B)  
4071-HL-1 (C)



4072-LT



4072-DK



4072-HL-1

**TECHNICAL INFORMATION**



Wall Tiles



Easy to Install



Frost Proff



Easy to Clean



Low Water Absorption



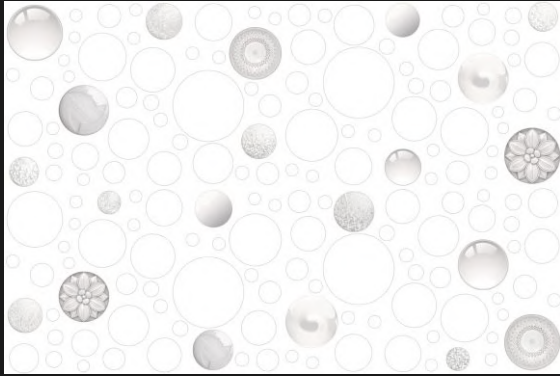
Chemical Resistance



Stain Resistance



Ecological



4073-LT



4073-DK



4073-HL-1



4073-HL-2 (A)  
4073-HL-2 (B)



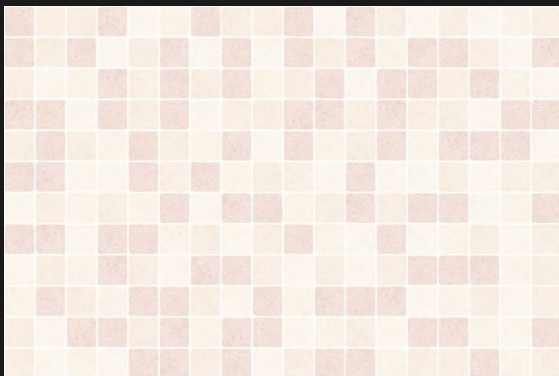
4074-LT



4074-HL-1



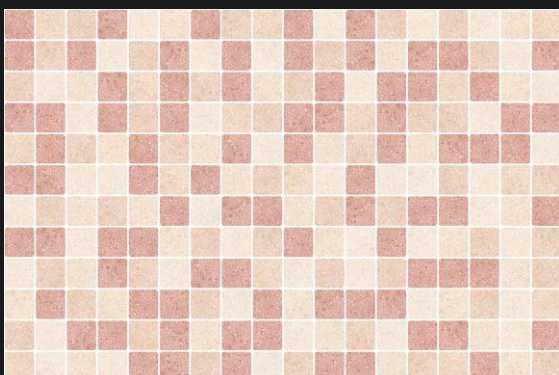
4074-DK



4075-LT



4075-HL-1



4075-DK



4076-LT



4076-HL-1

**TECHNICAL INFORMATION**



Wall Tiles



Easy to Install



Frost Proff



Easy to Clean



Low Water Absorption



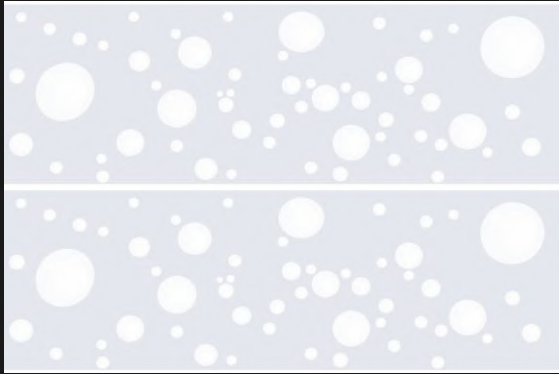
Chemical Resistance



Stain Resistance



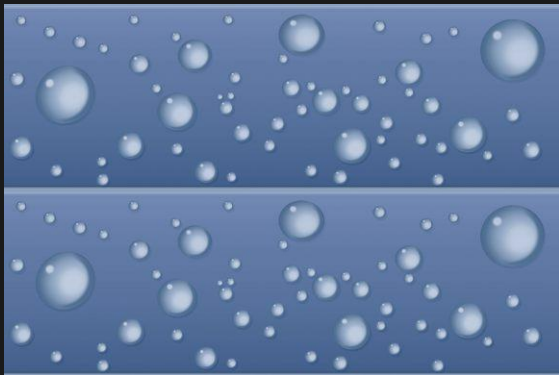
Ecological



4077-LT



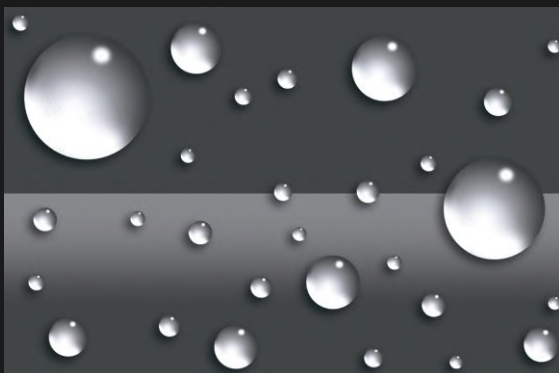
4077-HL-1



4077-DK



4078-LT



4078-DK



4078-HL-1 (A)  
4078-HL-1 (B)



# Technical Specification

| CHARACTERISTIC                           | IS-15622:2017<br>(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,<br>Avg.15 for thickness ≥ 7.5mm | Conforms         | IS 13630 (Part 6):2006  |
| Bending Strength in N                    | 200 for ≤ 7.5mm thickness,<br>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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Pipli Jetpar Road, Morbi-363642, Gujarat (IN)

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export@lionatiles.com | +919978644488