



**3D**

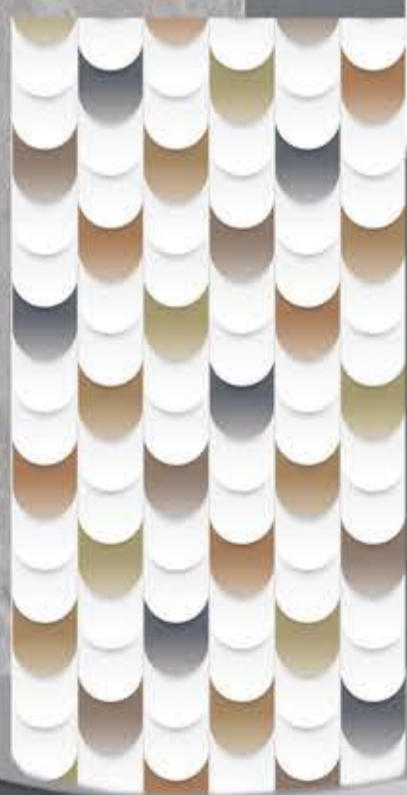
**SERIES**

PGVT

GVT

600x1200 mm

Glossy





Size :  
600 x 1200

Finish :  
GLOSSY

**EM 3D\_001**

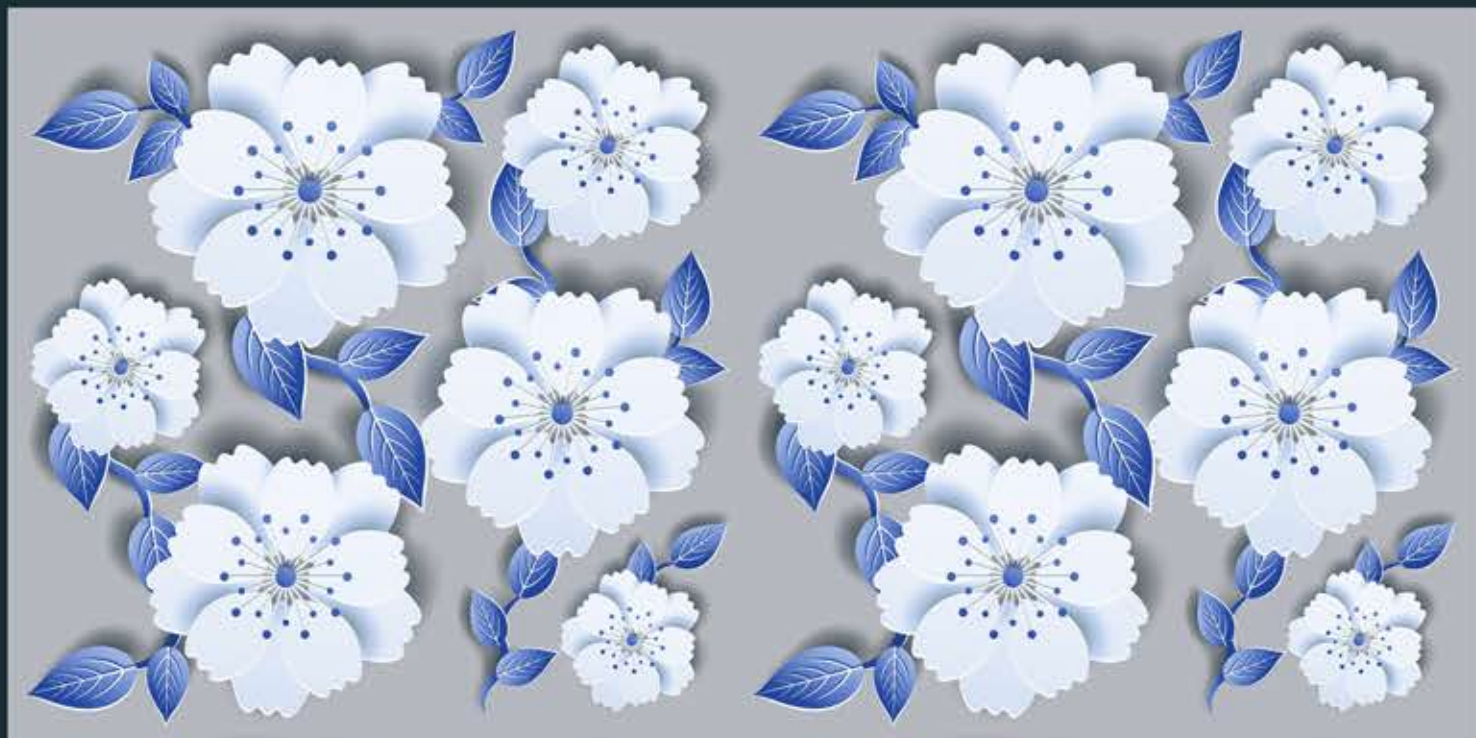




Size :  
600 x 1200

Finish :  
GLOSSY

**EM 3D\_002**





Size :  
600 x 1200

Finish :  
GLOSSY

EM 3D\_003





Size :  
600 x 1200

Finish :  
GLOSSY

**EM 3D\_004**





Size :  
600 x 1200

Finish :  
GLOSSY

**EM 3D\_005**

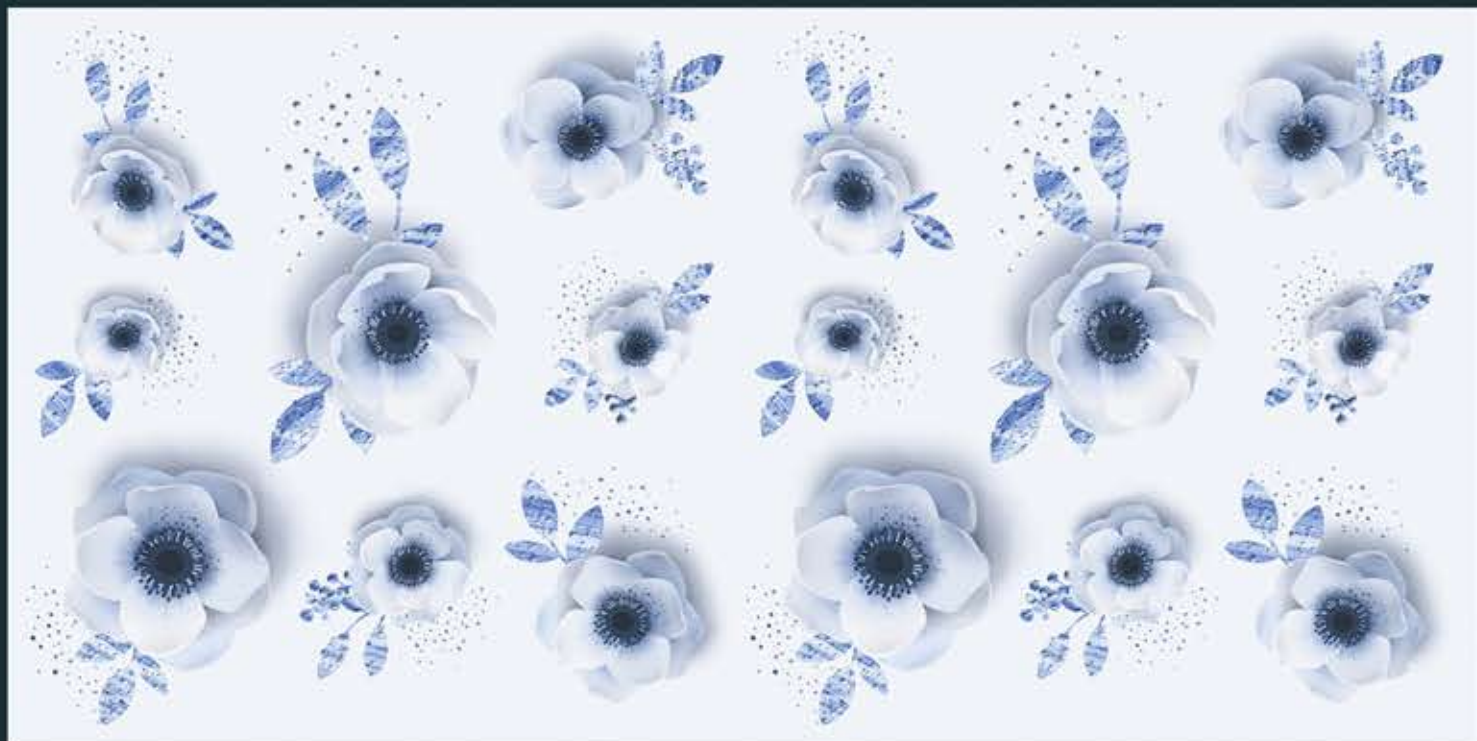




Size :  
600 x 1200

Finish :  
GLOSSY

**EM 3D\_007**



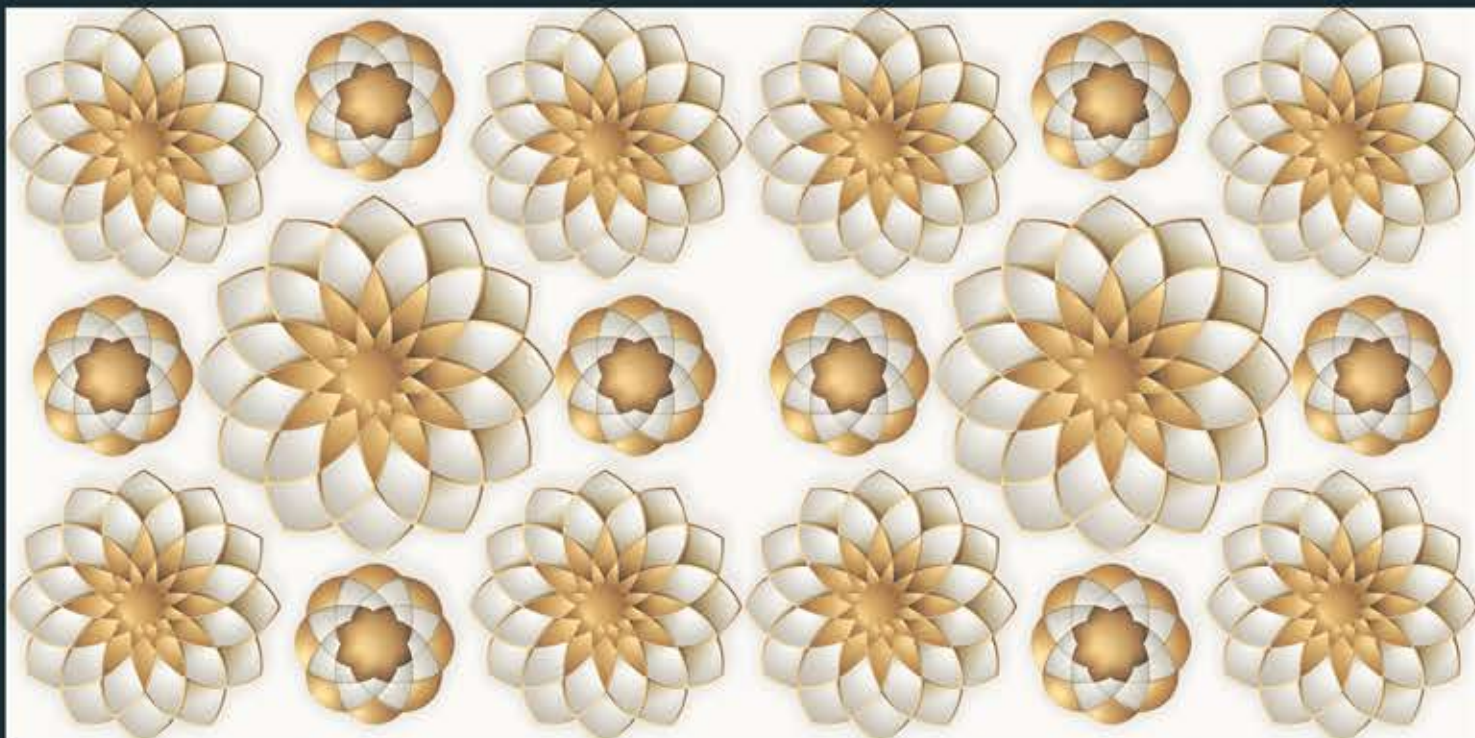


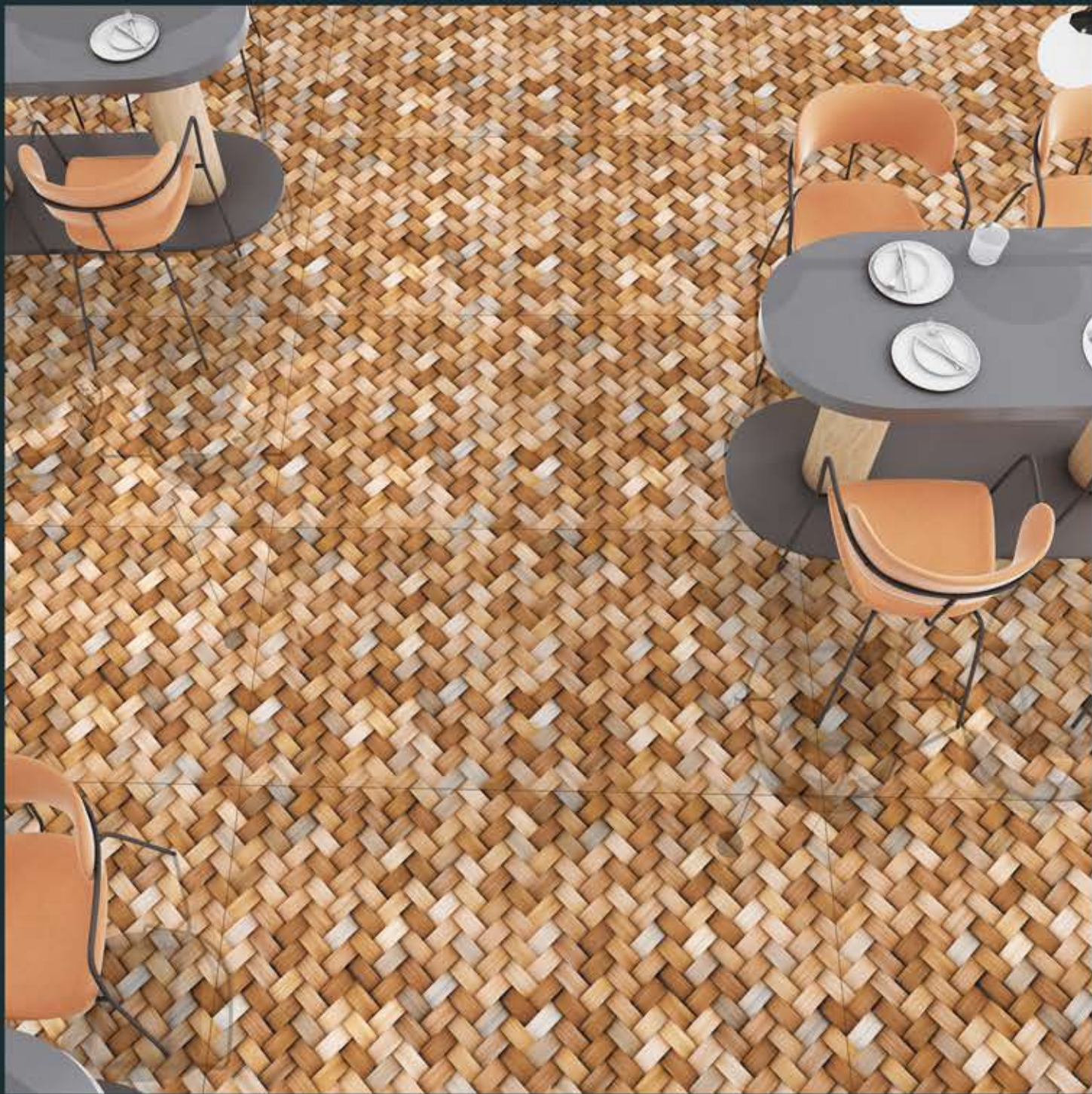


Size :  
600 x 1200

Finish :  
GLOSSY

**EM 3D\_0012**





Size :  
600 x 1200

Finish :  
GLOSSY

**EM 3D\_0013**

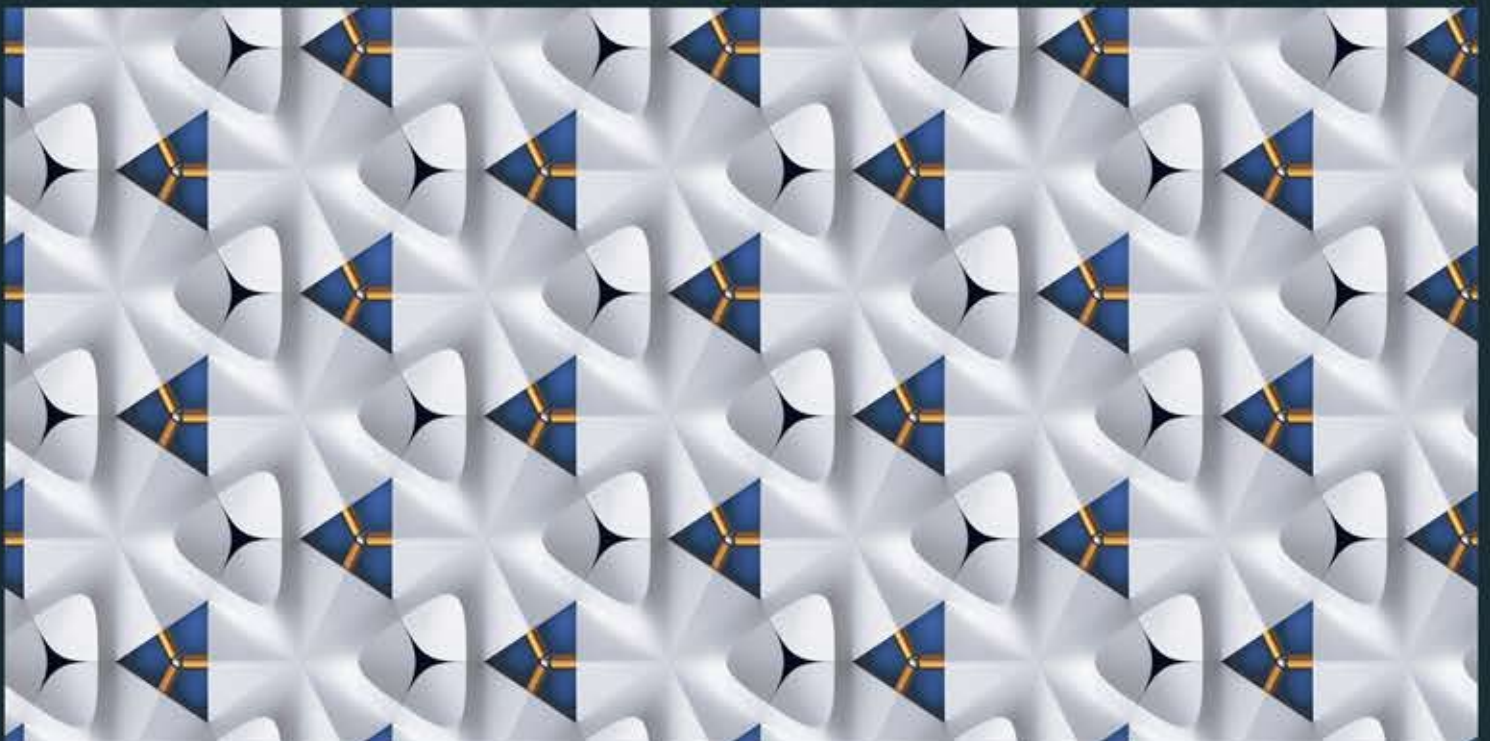




Size :  
600 x 1200

Finish :  
GLOSSY

**EM 3D\_0014**





Size :  
600 x 1200

Finish :  
GLOSSY

**EM 3D\_0015**

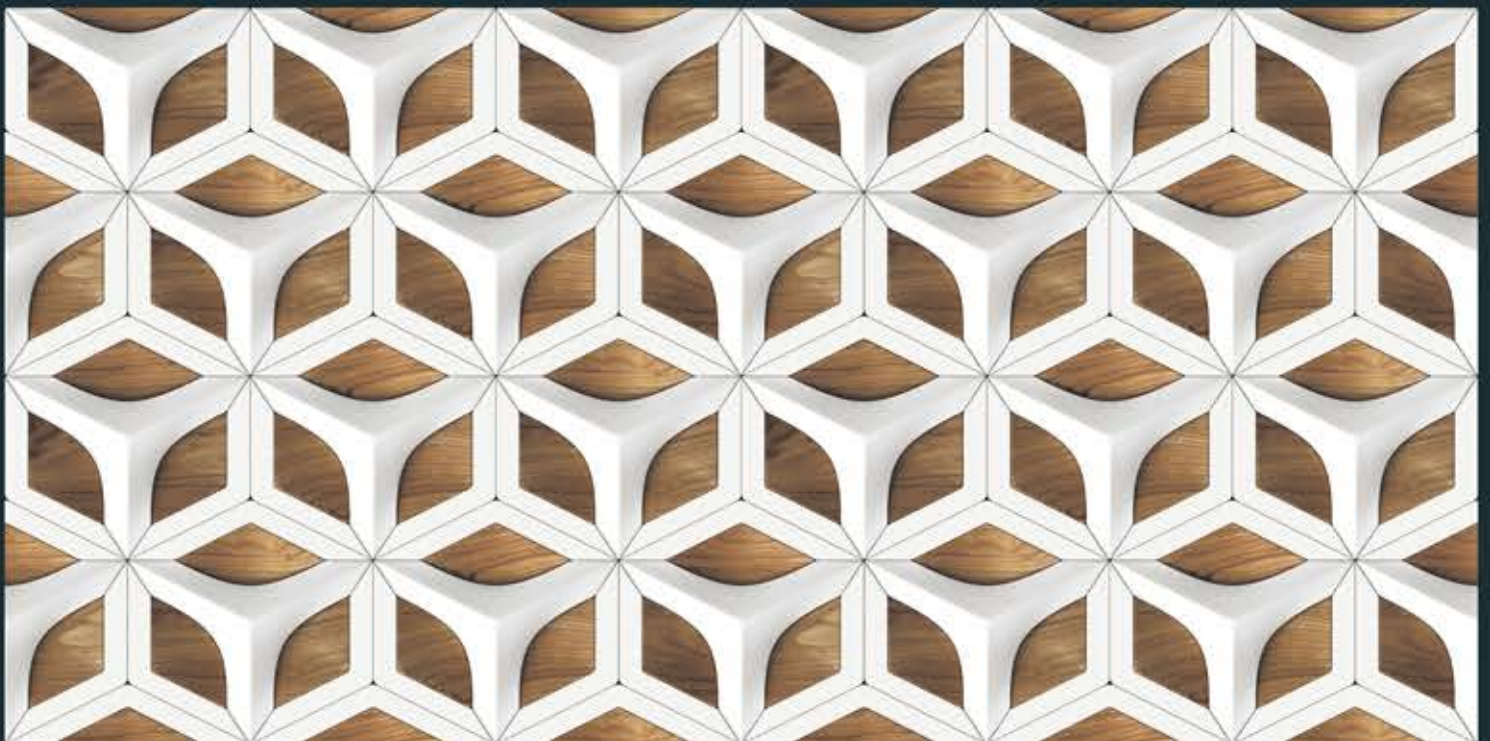




Size :  
600 x 1200

Finish :  
GLOSSY

**EM 3D\_0017**





Size :  
600 x 1200

Finish :  
GLOSSY

**EM 3D\_0020**





Size :  
600 x 1200

Finish :  
GLOSSY

**EM 3D\_0022**

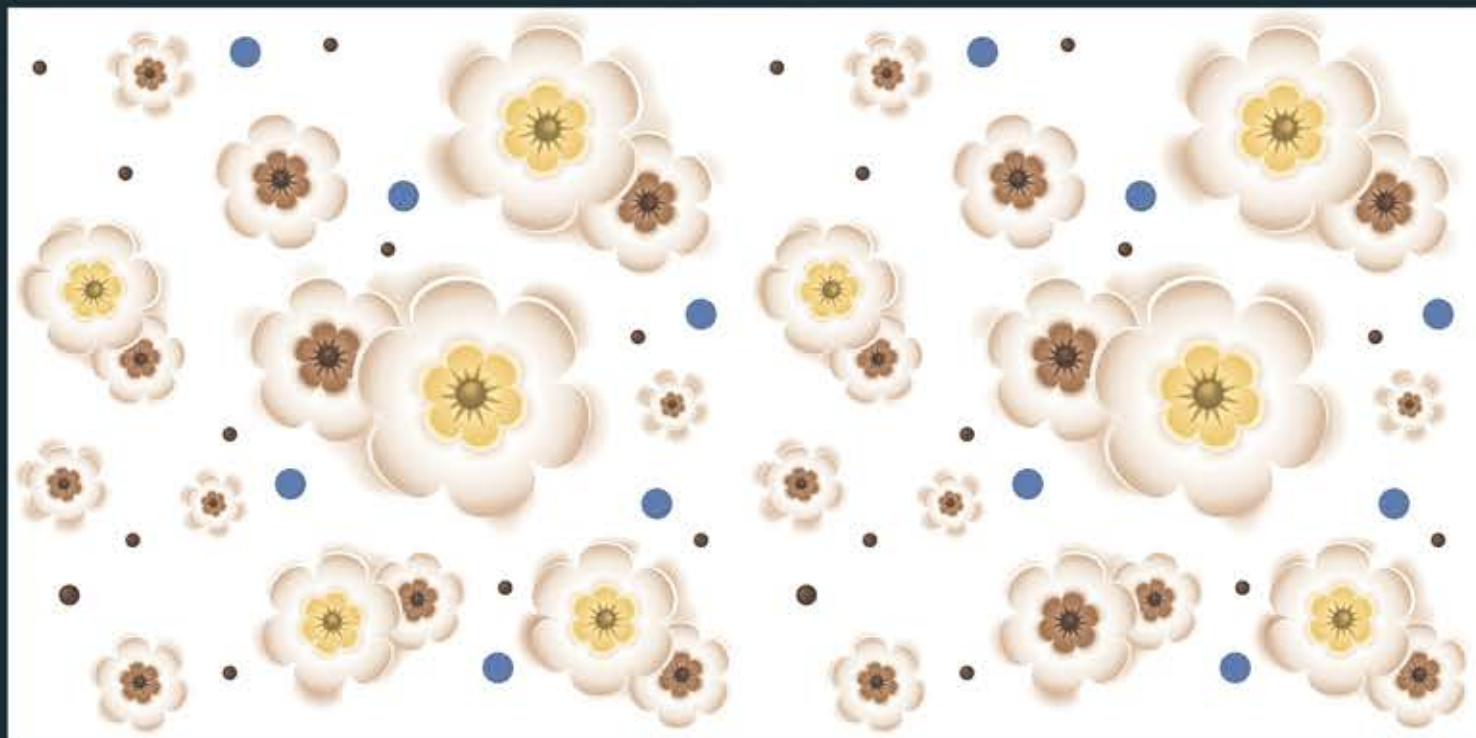




Size :  
600 x 1200

Finish :  
GLOSSY

**EM 3D\_0023**







Size :  
600 x 1200

Finish :  
GLOSSY

**EM 3D\_0025**





Size :  
600 x 1200

Finish :  
GLOSSY

**EM 3D\_0026**



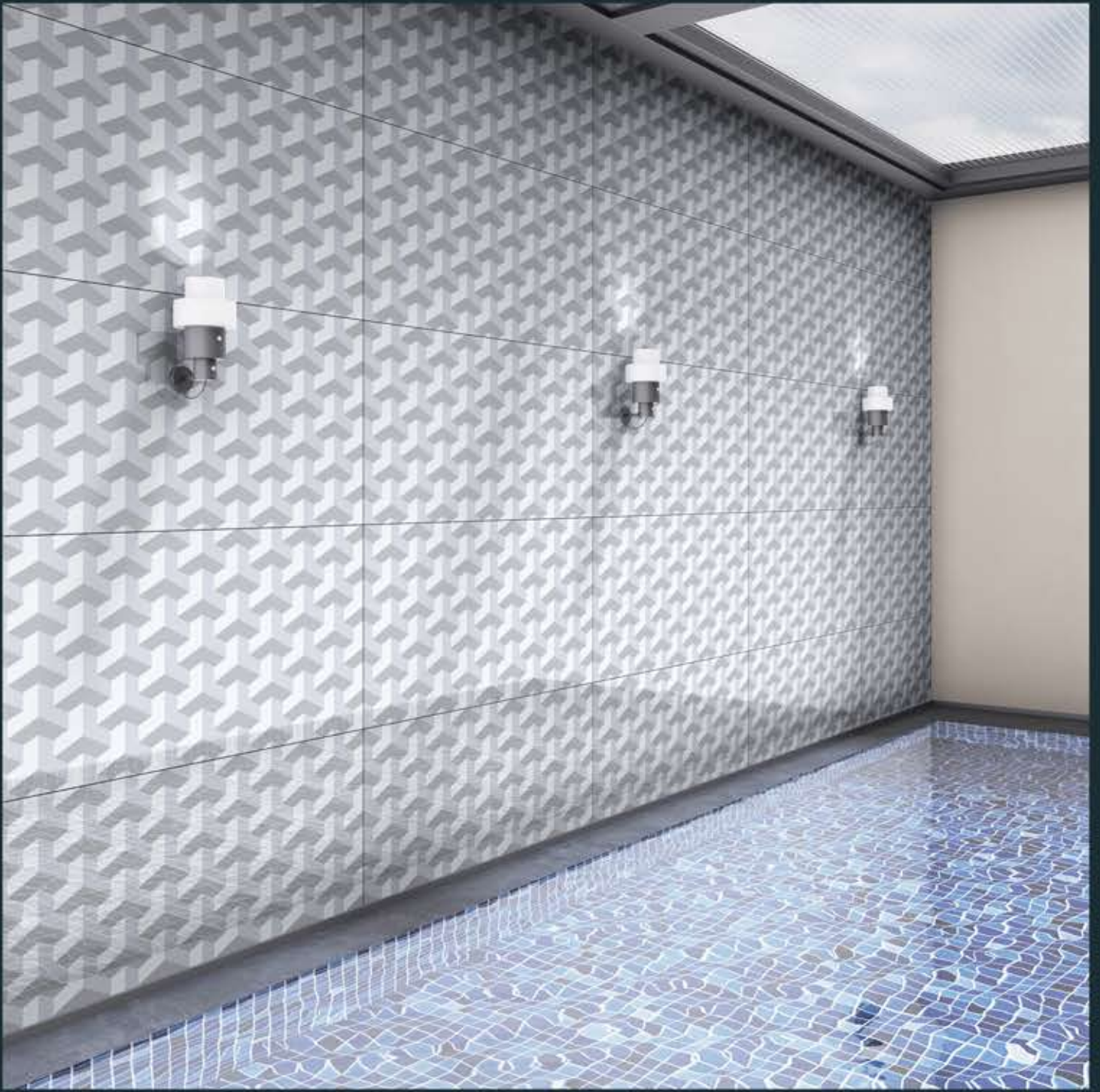


Size :  
600 x 1200

Finish :  
GLOSSY

**EM 3D\_0027**

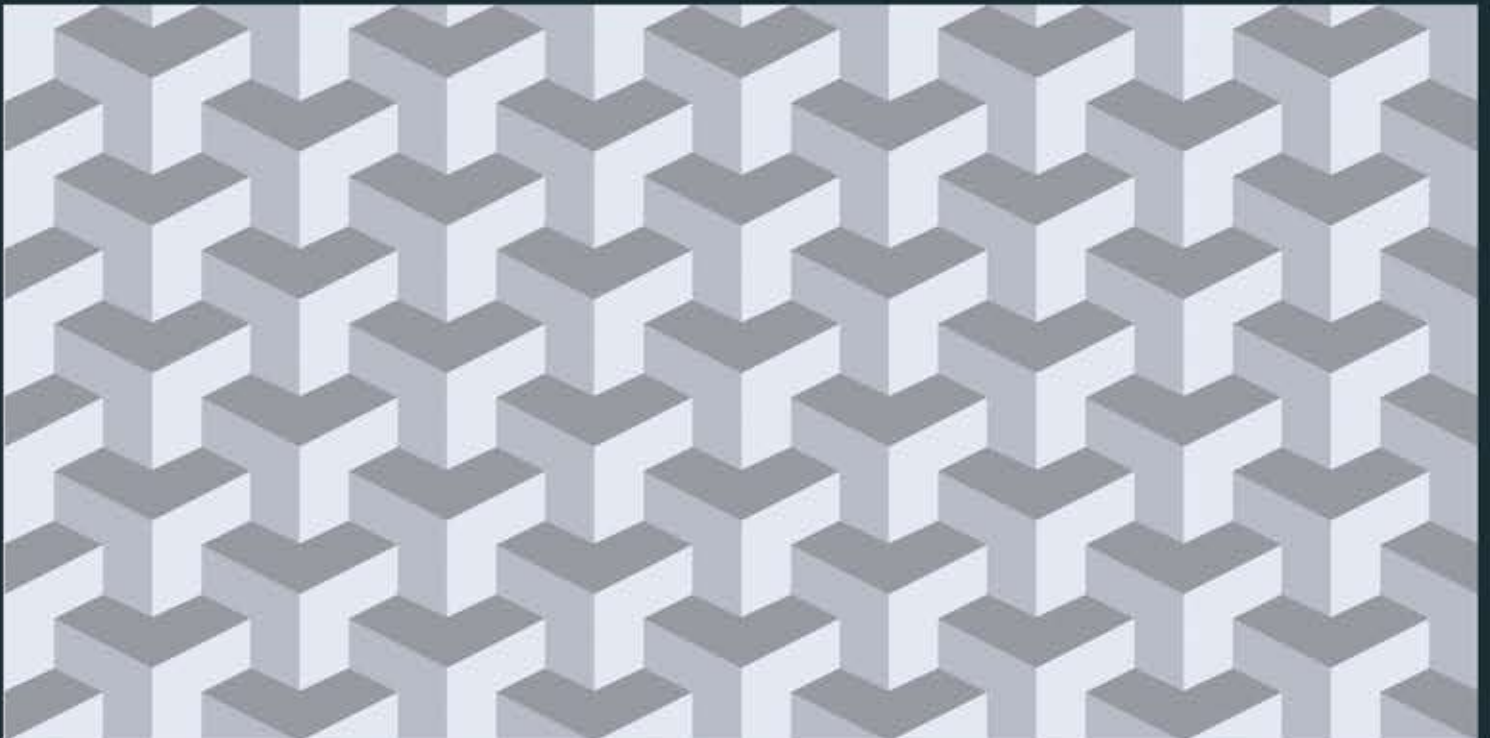




Size :  
600 x 1200

Finish :  
GLOSSY

**EM 3D\_0028**





Size :  
600 x 1200

Finish :  
GLOSSY

**EM 3D\_0029**



Size :  
600 x 1200

Finish :  
GLOSSY

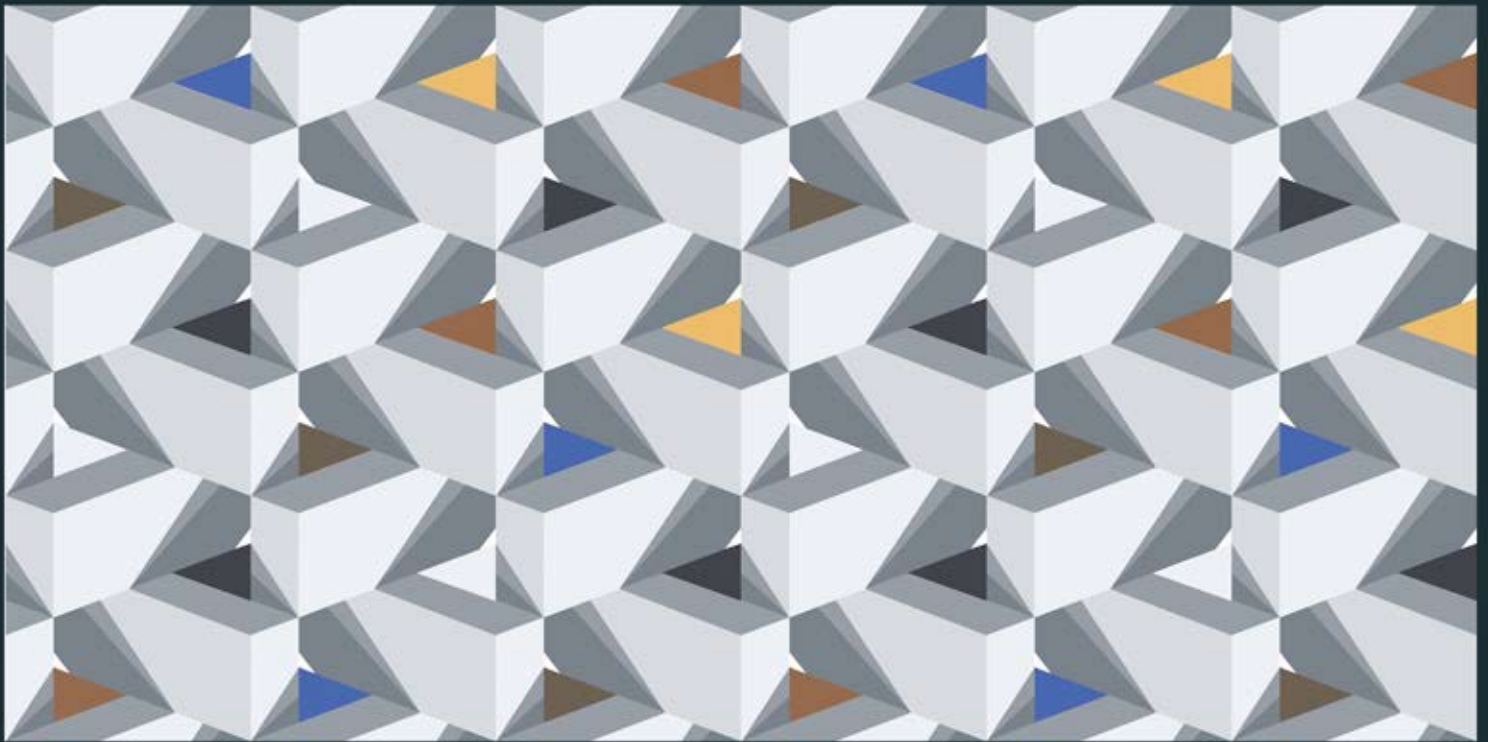
**EM 3D\_0034**



Size :  
600 x 1200

Finish :  
GLOSSY

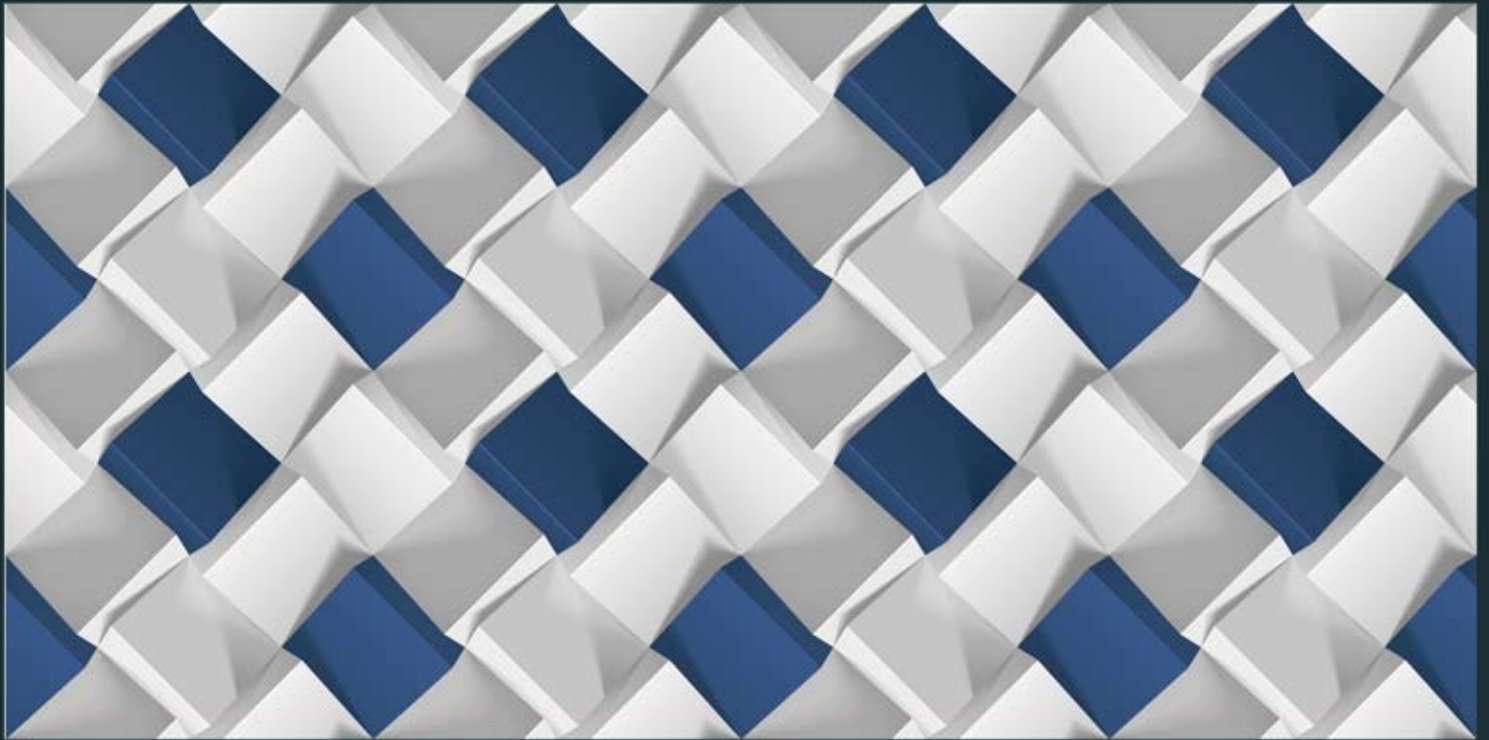
**EM 3D\_0036**



Size :  
600 x 1200

Finish :  
GLOSSY

**EM 3D\_0037**





Size :  
600 x 1200

Finish :  
GLOSSY

**EM 3D\_0038**



Size :  
600 x 1200

Finish :  
GLOSSY

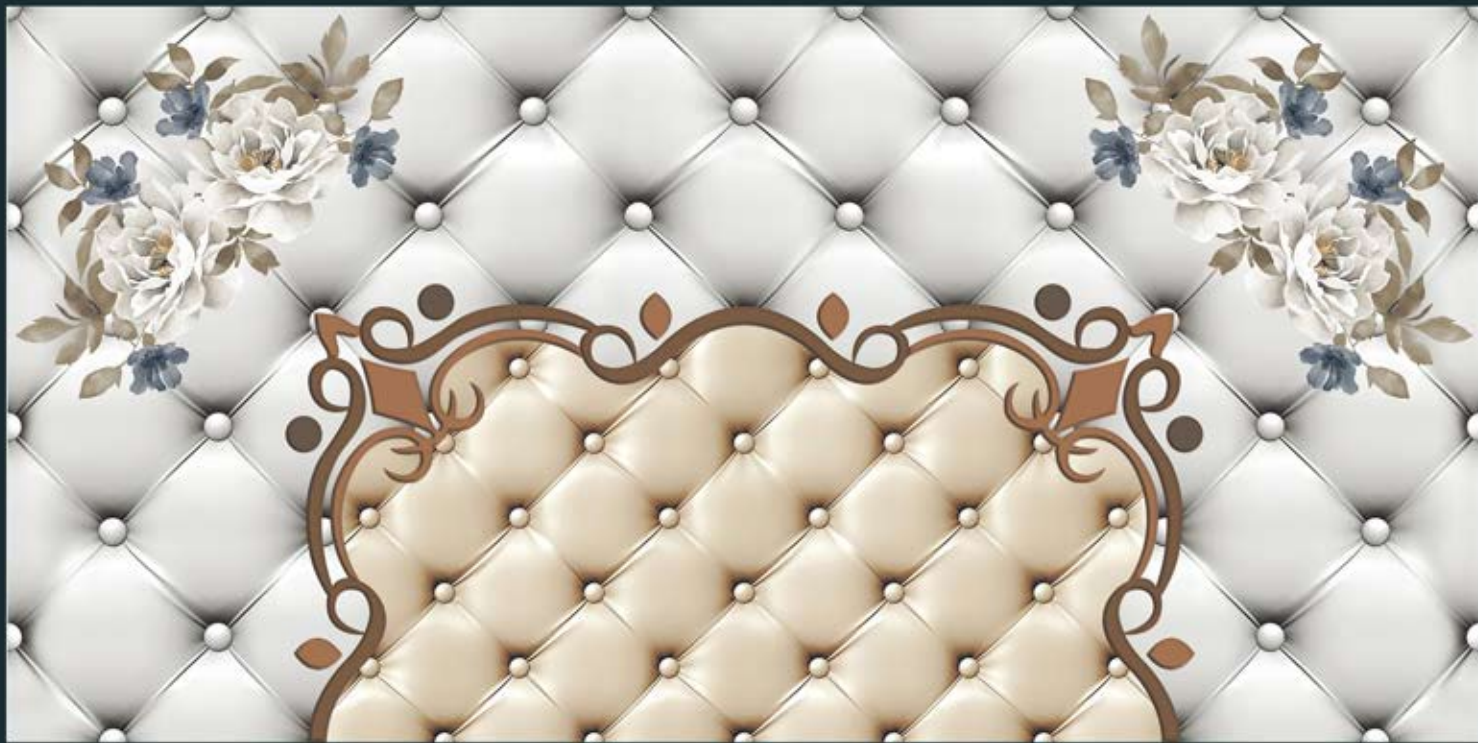
**EM 3D\_0039**



Size :  
600 x 1200

Finish :  
GLOSSY

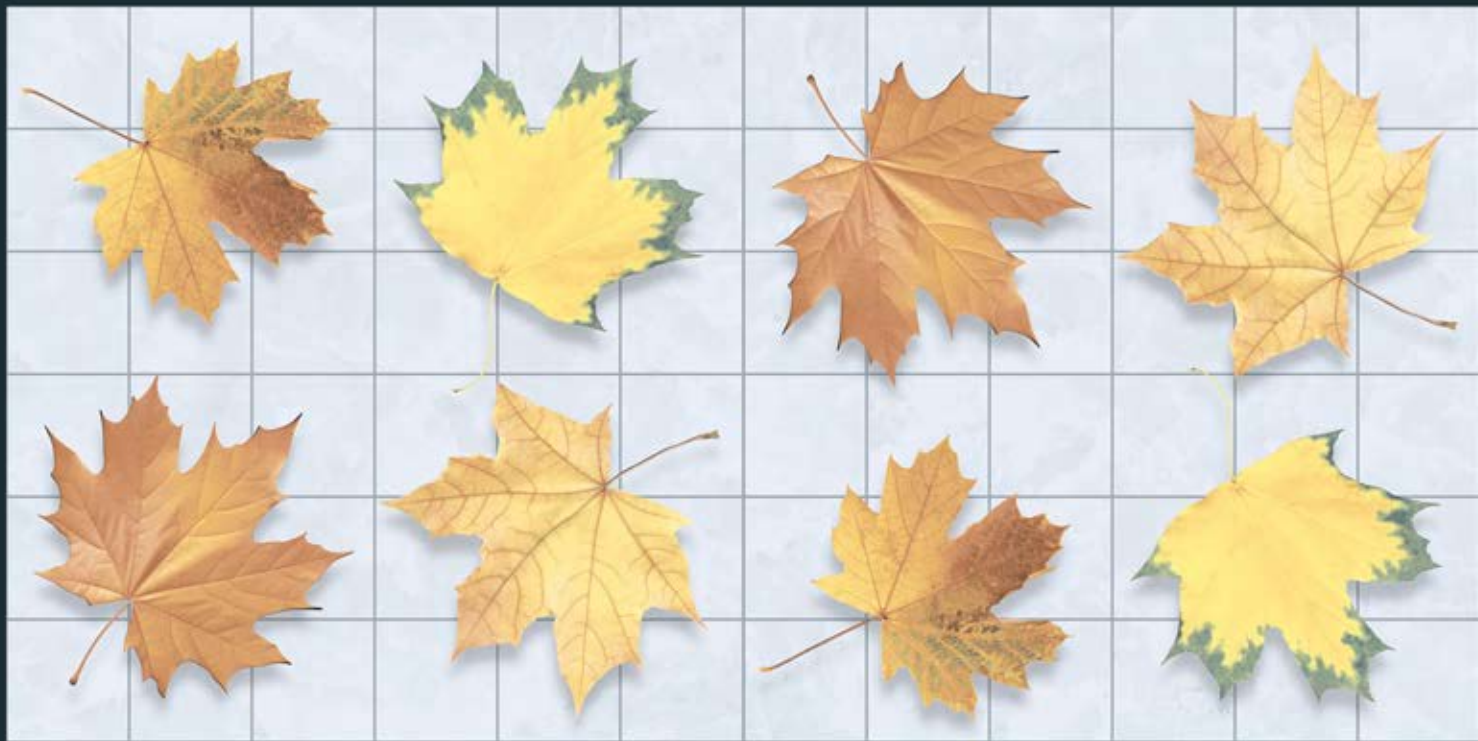
**EM 3D\_0040**



Size :  
600 x 1200

Finish :  
GLOSSY

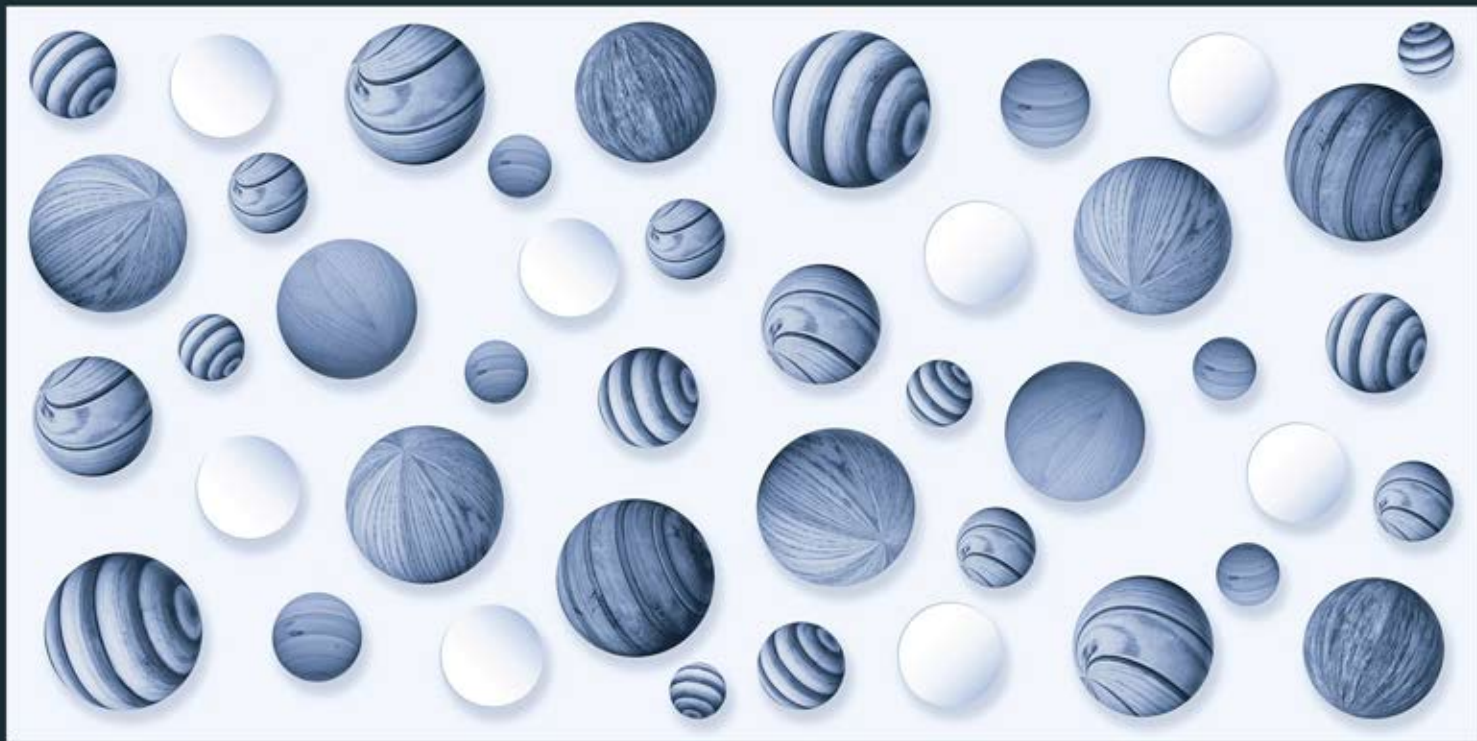
**EM 3D\_0041**



Size :  
600 x 1200

Finish :  
GLOSSY

**EM 3D\_0042**



# TECHNICAL SPECIFICATION

CHARACTERISTIC	STANDARD AS PER ISO-13006/EN 14411 GROUP BIa	MEAN VALUE OF POLISHED GVT	MEAN VALUE OF RUSTIC GVT	TEST METHOD
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## 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 %	<0.05%	<0.05%	ISO-10545-3
Apparent density	> 2.0 g/cc	>2.10 g/cc	>2.10 g/cc	DIN 51082

## MASSIVE MECHANICAL PROPERTIES

Modulus of rupture	Min. 35 N/mm <sup>2</sup>	Min. 40 N/mm <sup>2</sup>	Min. 40 N/mm <sup>2</sup>	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 HYGROMETRIC 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 <sup>-6</sup>	Max. 6.5x10 <sup>-6</sup>	Max. 6.5 x 10 <sup>-6</sup>	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 off by glazed tiles	As per mfg.	Does not yield Pb & Cd	Does not yield Pb & Cd	ISO-10545-15

## PACKING DETAILS

SR. NO	PRODUCT	NOMINAL SIZE	THICKNESS	TILES PER BOX	COVERAGE AREA
1	VITRIFIED TILES	600x1200mm	8.50 mm	2	1.44 Sq. Mtr.

