EAGLE

CERAMIC

WE PRINT WHAT YOU THINK !!!

TEXTURES

PLAIN MATT
PLAIN SG
HEXA MATT
HEXA SG

300 x 300 mm

COOL

ROOF

TILES

ULR-TC702025000000052F

Report No: CRDF/RPT/SRI/992 Report Date: 16th May 2025

4 Results of the measurement:

Solar Direct Reflectance

Sample name	Sample ID	Measurement 1	Measurement 2	Measurement 3	Average
COOL ROOF TILES	SRI/05/25/1990	0.8282	0.8287	0.8284	0.8284

Emissivity

Sample name	Sample ID	Measurement 1	Measurement 2	Measurement 3	Average
COOL ROOF TILES	SRI/05/25/1990	0.904	0.906	0.903	0.904

Solar Reflectance Index (SRI) under different wind conditions

Sample name	Sample ID	Solar Reflectance Index (SRI)		
		Low Wind(h_c=5 W m^{-2} K^{-1})	Medium Wind(h_c=12 W m^{-2} K^{-1})	High Wind(h_c=30 W m^{-2} K^{-1})
COOL ROOF TILES	SRI/05/25/1990	105	104	104

Surface Temperature (T_S) under different wind conditions

Sample name	Sample ID	Surface Temperature (°C)		
		Low Wind(h_c=5 W m^{-2} K^{-1})	Medium Wind(h_c=12 W m^{-2} K^{-1})	High Wind(h_c=30 W m^{-2} K^{-1})
COOL ROOF TILES	SRI/05/25/1990	46.8	43.0	40.0

Remark, if Any:

5 Certificate of Accuracy:
This is to certify that the test results herein presented are, to the best of my knowledge, true and accurate representations of the samples submitted.

N.D.Bhesania

Analyzed By:
Nikhil Bhesaniya
Deputy Manager

Reviewed By:
Yashkumar Shukla
Technical Director

Authorized By:
Yashkumar Shukla
Technical Director

Disclaimer:

1. *The CEPT Research & Development Foundation is not responsible for any kind of alterations in the physical property of the sample and the customer is solely responsible for it and its consequences.*
2. *The test results and the statement of compliance with specification in this report relate only to the test sample as tested and not to the sample/item from which the test sample was drawn. Sample will be destroyed after 7 days of issue of the report unless specified by the customer.*
3. *Any complains about this report should be communicated in writing within 7 days of issue of the report.*
4. *The test report shall not be reproduced fully or partially or in parts and cannot be used as an evidence in a court of law and shall be used in advertising media without written approval of Director, CEPT Research & Development Foundation.*

--End of the report--

CRDF CEPT RESEARCH AND DEVELOPMENT FOUNDATION
CEPT Research & Development Foundation
Test Report for Solar Reflectance Index (SRI)
ilac-MRA TC-7020

ULR-TC702025000000052F

Report No: CRDF/RPT/SRI/992 Report Date: 16th May 2025

Report of test carried out by CEPT Research & Development Foundation for Solar Reflectance Index of Supplied Material

The test results of the specimen submitted for Solar Reflectance Index on date 13th May 2025 are as under:

1. Customer Information

i.	**Name of the Organization**	: EAGLE CERAMIC
ii.	**Contact Person**	: SURESH MN
iii.	**Address**	: Halvad Road,Mahendranagar Chokdi, Morbi,Gujarat 363642
iv.	**Phone Numbers**	: +91 98840 03787
v.	**Fax Number**	:
vi.	**Email**	: eagleceramic24@gmail.com

2. Photometry Testing

2.1 Glazing Materials

2.1.1. Sample Details

i.	Sample Identification Number	: SRI/05/25/1990
ii.	Date of Test	: 16th May 2025
iii.	Name and any other pertinent Identification of the material (As declared by customer)	: COOL ROOF TILES
iv.	Thickness of the specimen (As declared by customer)	: 9 mm
v.	Thickness as tested	: 8.815 mm
vi.	Condition of Sample when received	: Satisfactory
vii.	Method and Environment used for Conditioning (if used)	: Not Applicable
viii.	Condition used for laboratory soiling And weathering (if used)	: Not Applicable
ix.	Description of soiling mixture (If laboratory soiling and Weathering used)	: Not Applicable
x.	Instrument used	: Spectrophotometer with integrating sphere with reference material Spectralone & FTIR with IR specular reflection set.
xi.	Environmental Conditions maintained during the test	:Temperature 25.3°C and Humidity 41% Rh
xii.	Boundary Conditions (Test Method)	: ASTM E 1980, BS EN 12898, EN 673, EN 410 and ASTM E 903

N.D. Bhesania

Analyzed By:
Nikhil Bhesaniya
Deputy Manager

Reviewed By:
Yashkumar Shukla
Technical Director

Authorized By:
Yashkumar Shukla
Technical Director

EAGLE
CERAMIC

COOL
ROOF
TILES

EC-MATT SG

SIZE

300 x
300 mm

THICKNESS

9 mm

EAGLE
CERAMIC

COOL
ROOF
TILES

EC-PLAIN WHITE

SIZE

300 x
300 mm

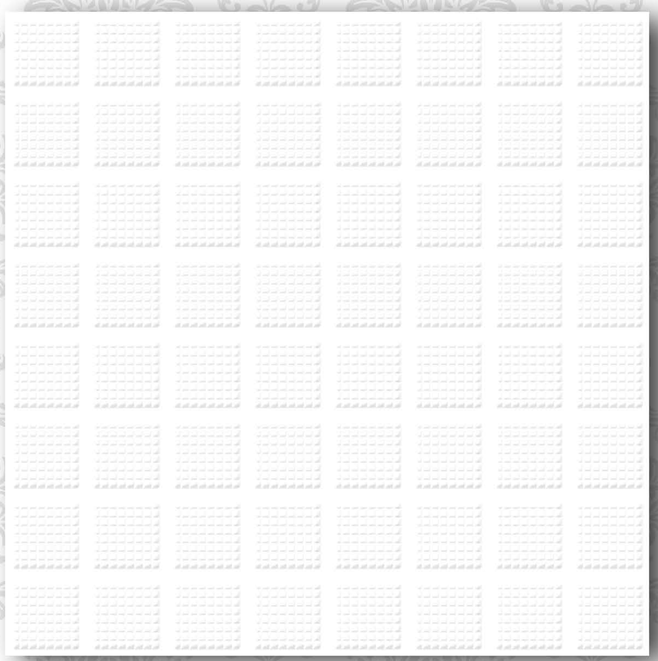
MATT
SUGAR

THICKNESS

9 mm

EAGLE
CERAMIC

COOL
ROOF
TILES



EC-CUBE WHITE

SIZE

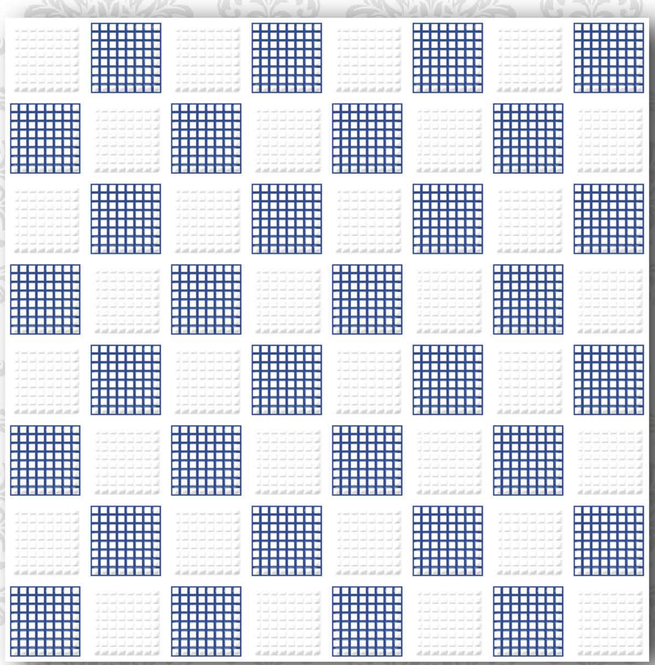
300 x
300 mm

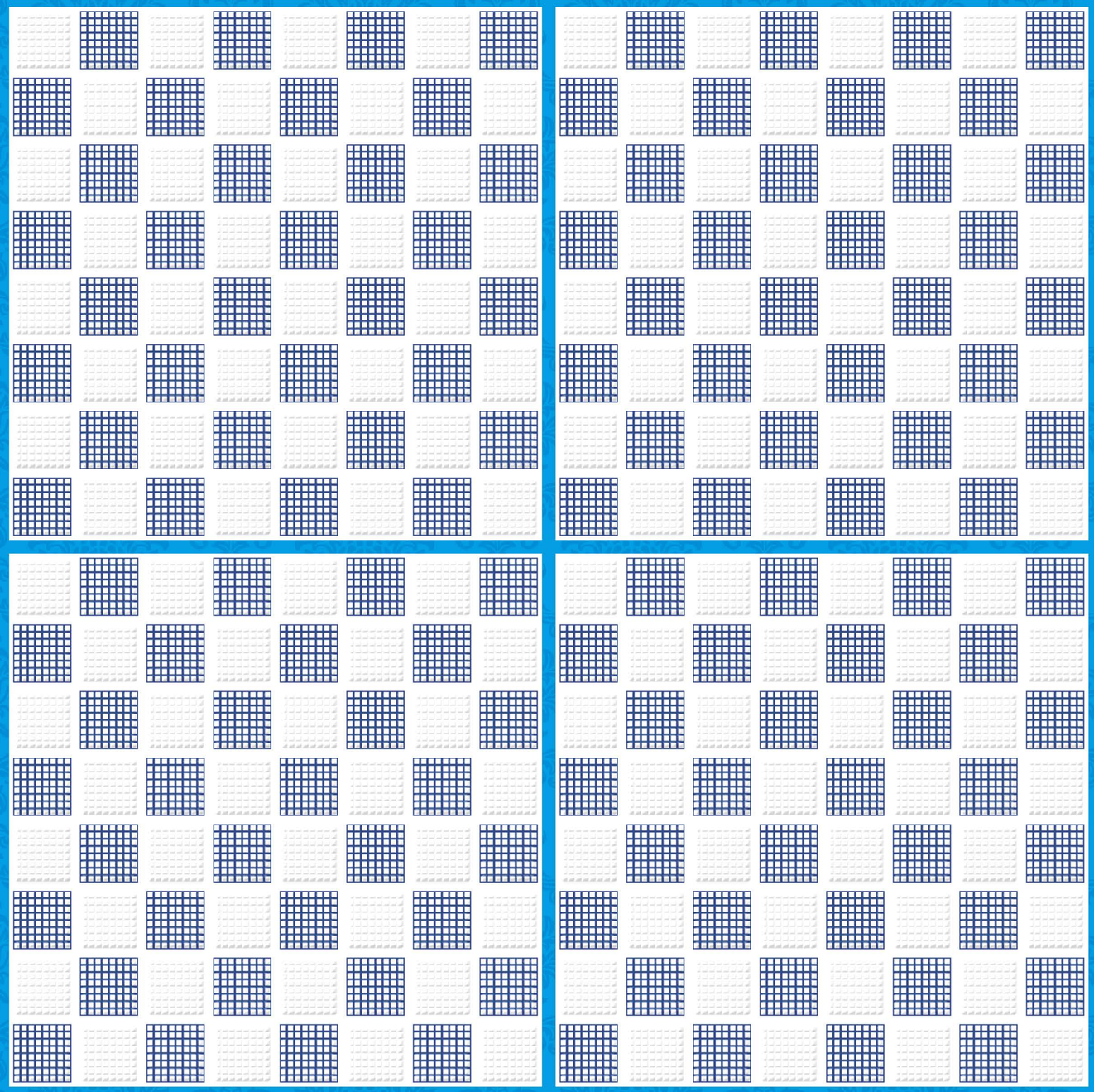
THICKNESS

9 mm

EAGLE
CERAMIC

COOL
ROOF
TILES





EC-CUBE-01

SIZE

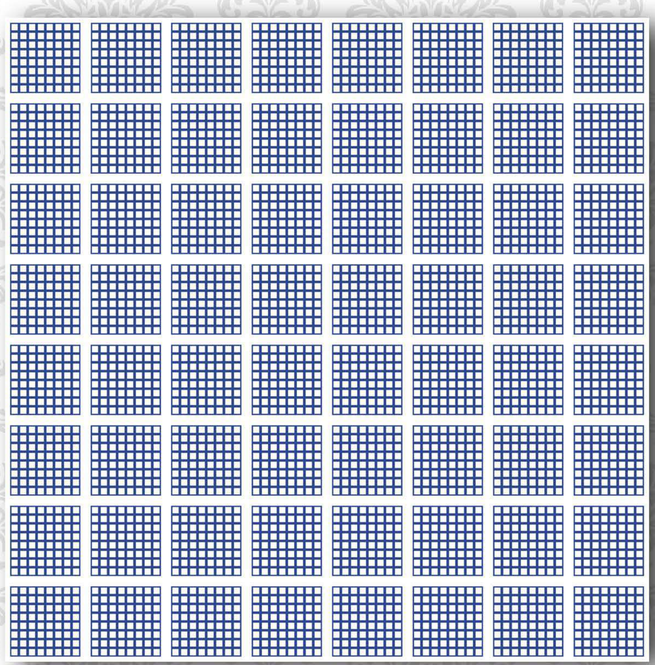
300 x
300 mm

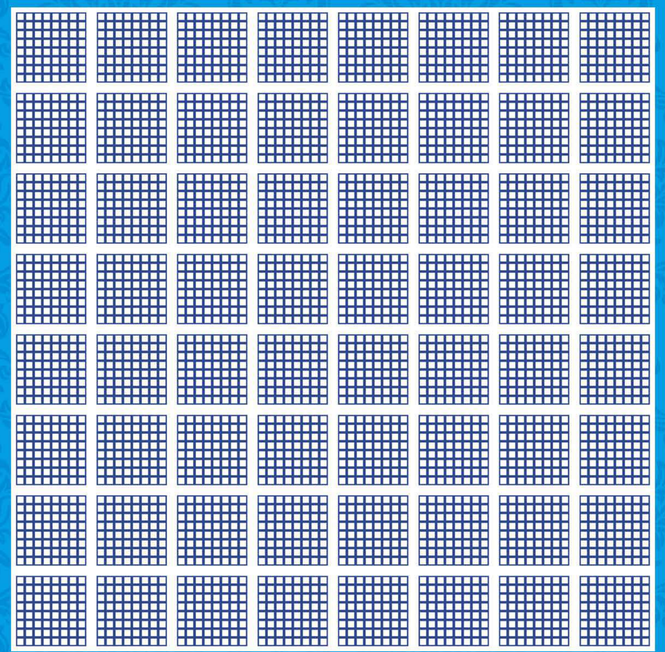
THICKNESS

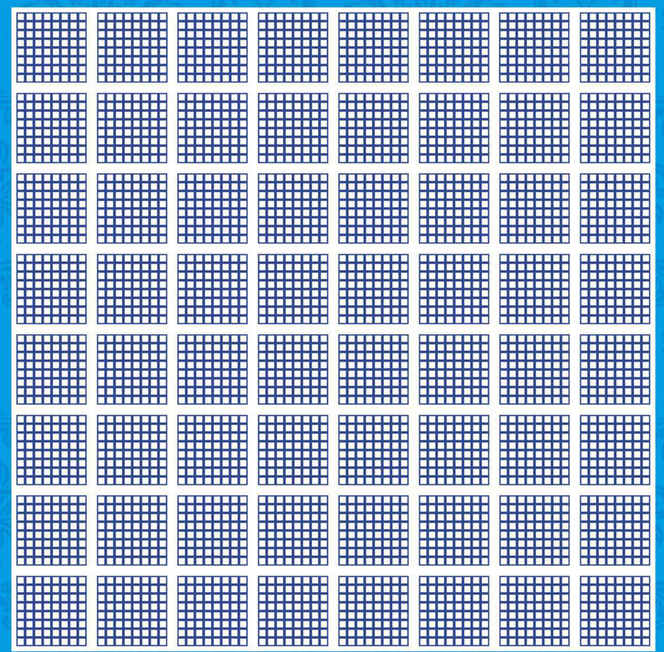
9 mm

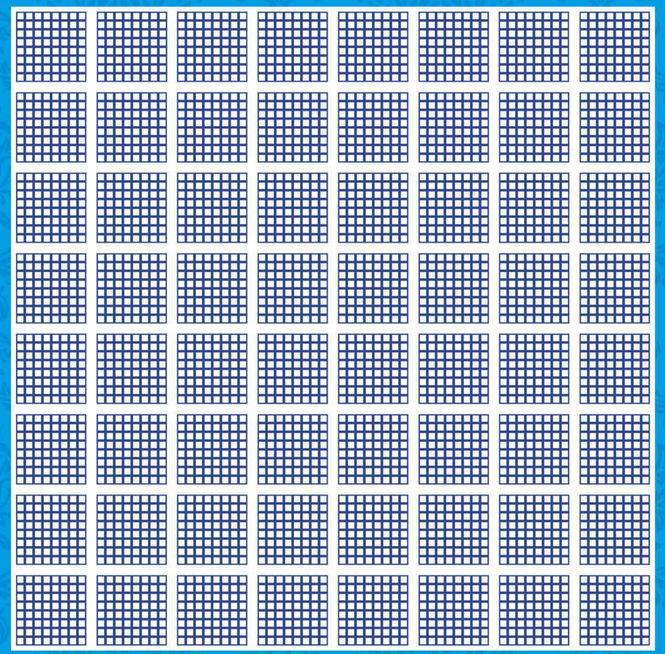
EAGLE
CERAMIC

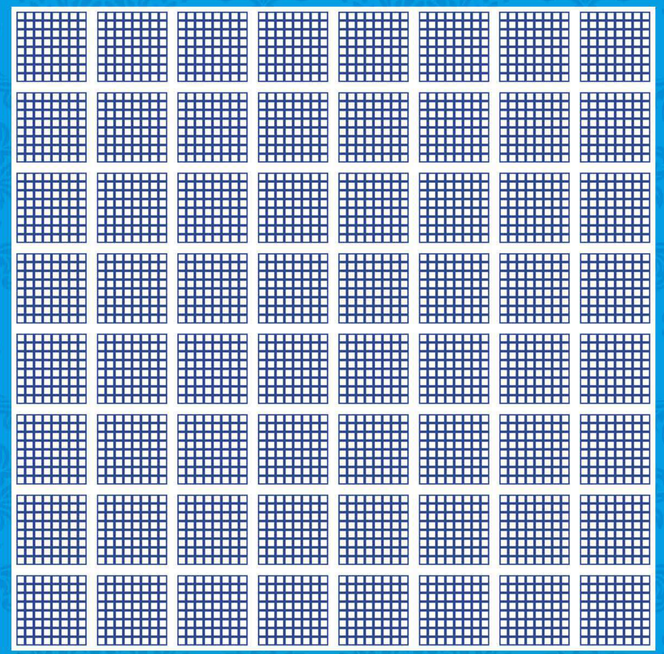
COOL
ROOF
TILES











EC-CUBE-02

SIZE

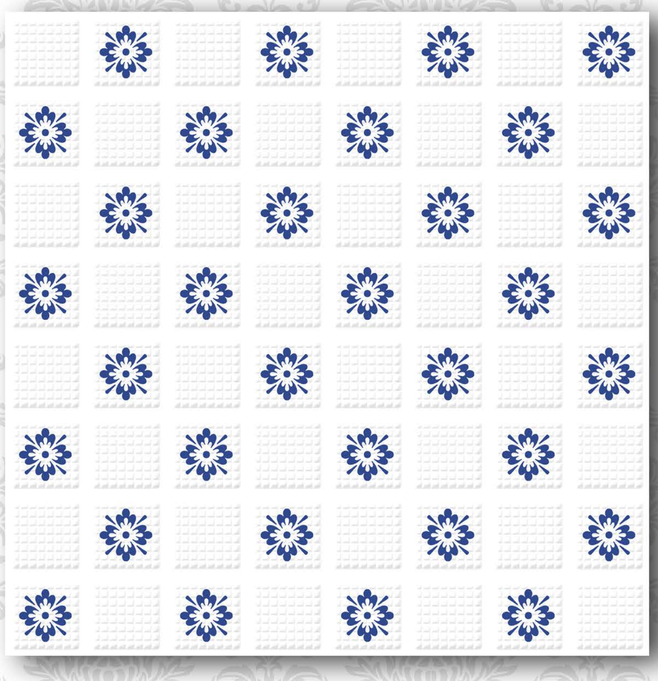
300 x
300 mm

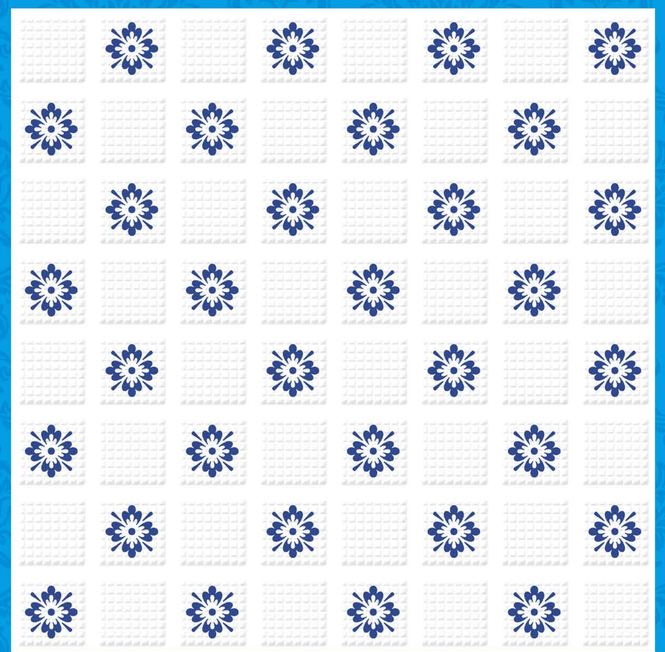
THICKNESS

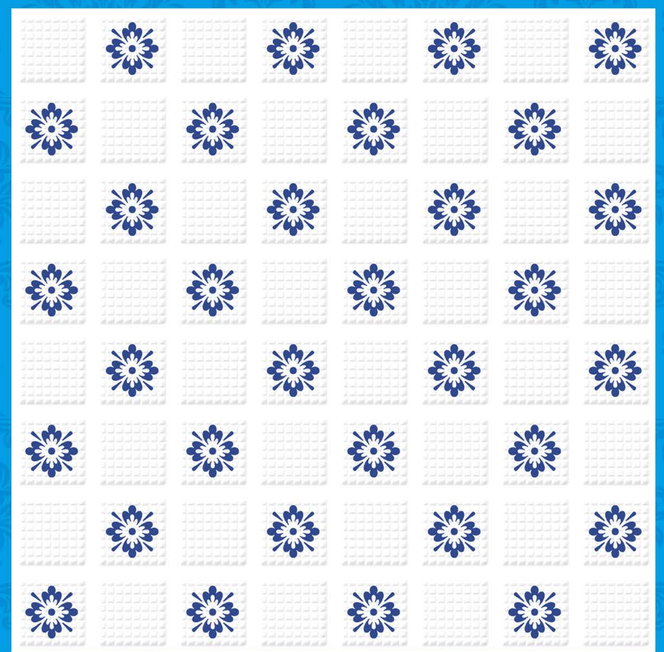
9 mm

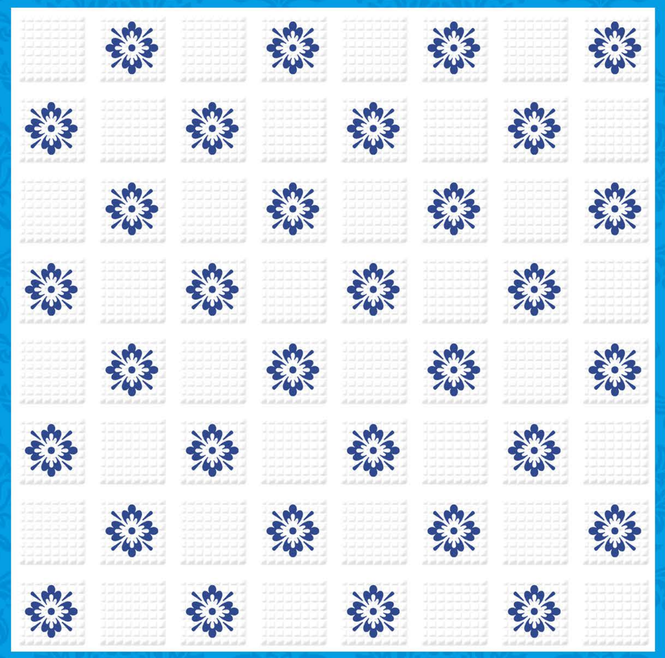
EAGLE
CERAMIC

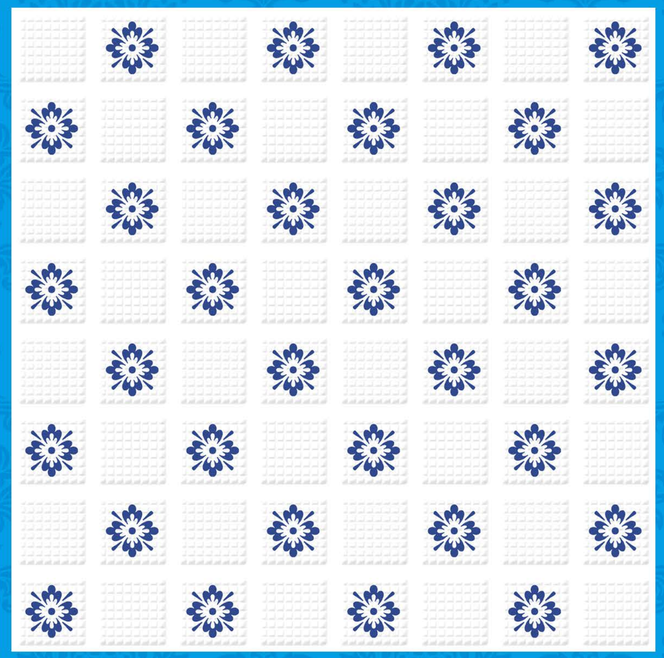
COOL
ROOF
TILES











EC-CUBE-03

SIZE

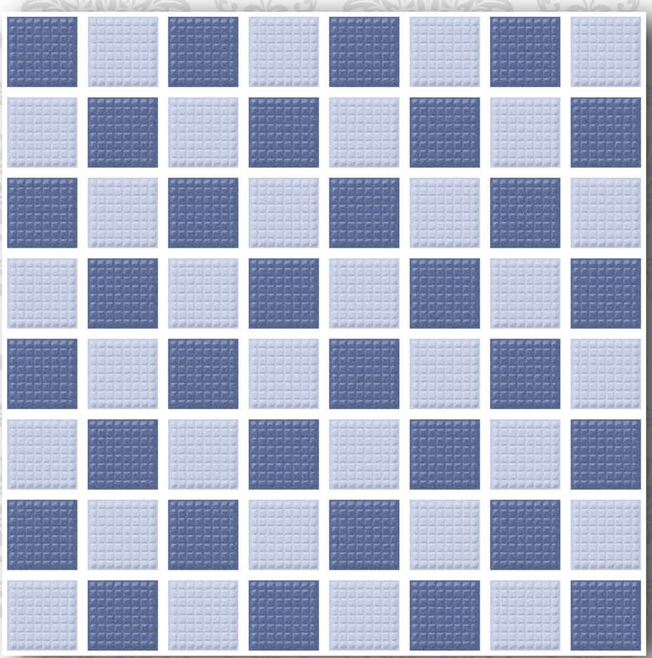
300 x
300 mm

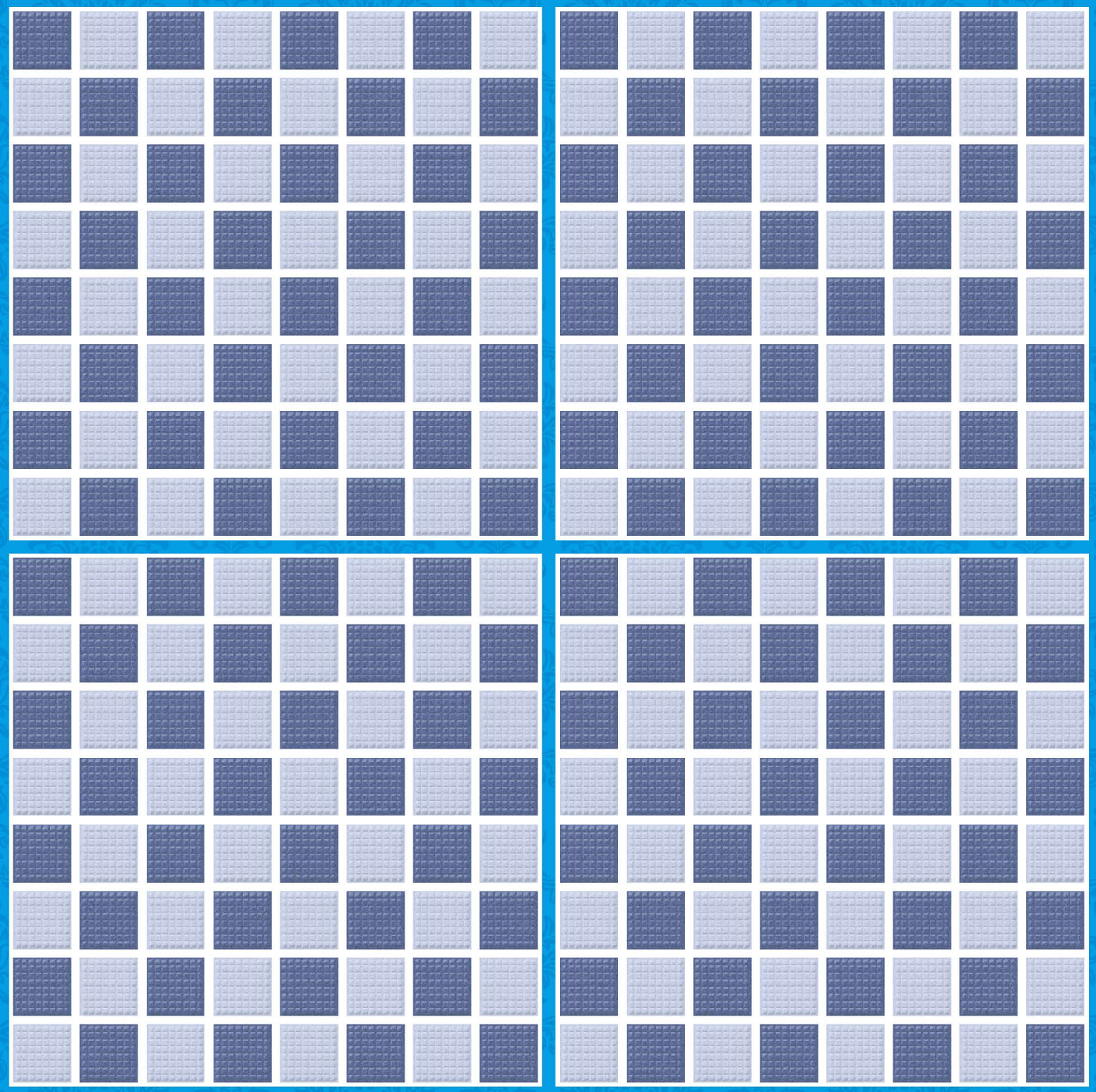
THICKNESS

9 mm

EAGLE
CERAMIC

COOL
ROOF
TILES





EC-CUBE-04

SIZE

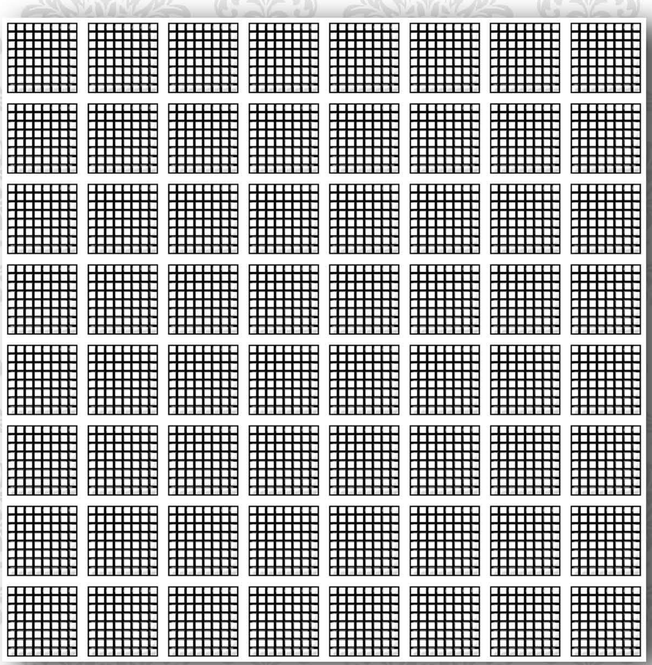
300 x
300 mm

THICKNESS

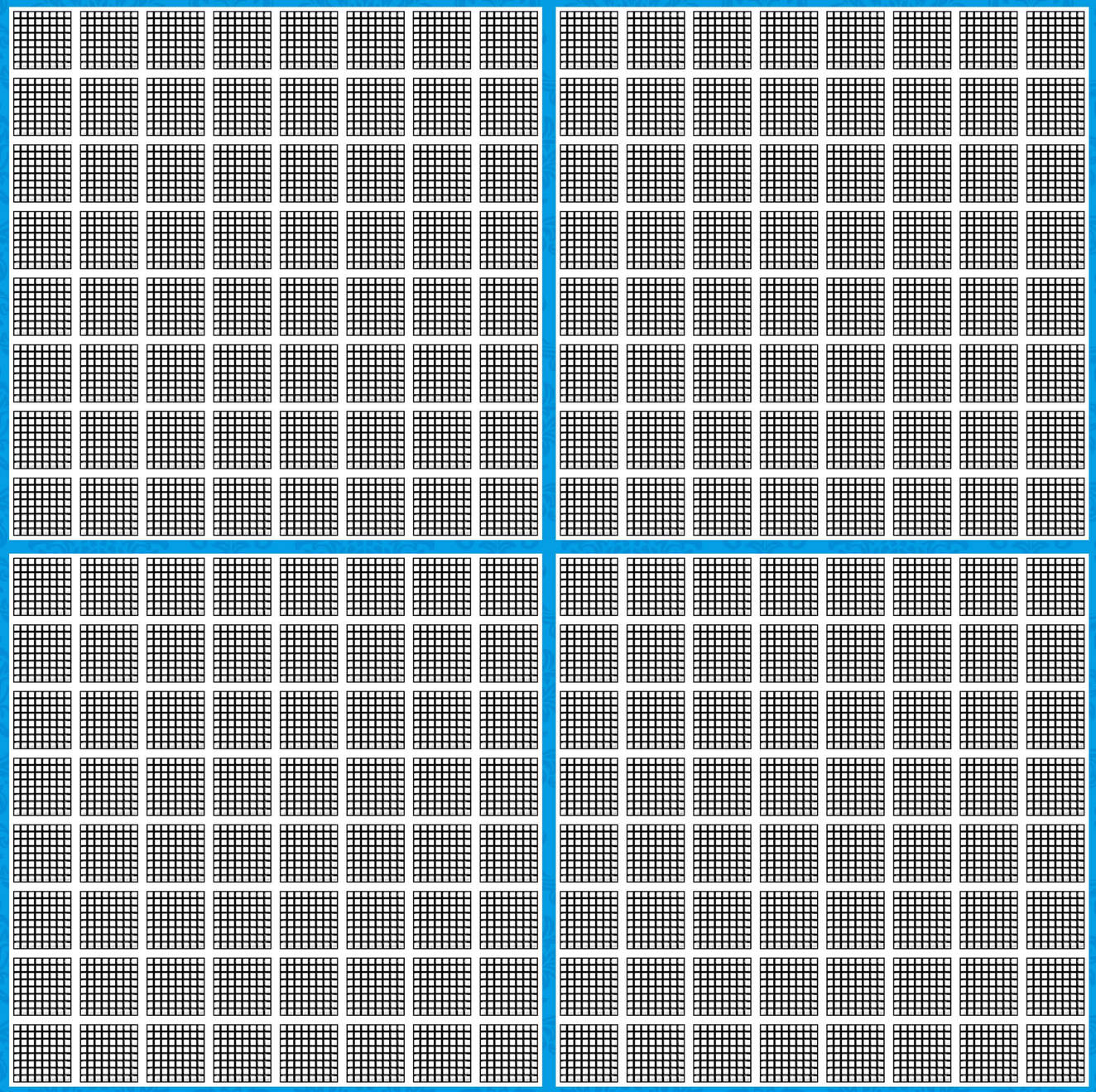
9 mm

EAGLE
CERAMIC

COOL
ROOF
TILES



EC-CUBE-05



SIZE

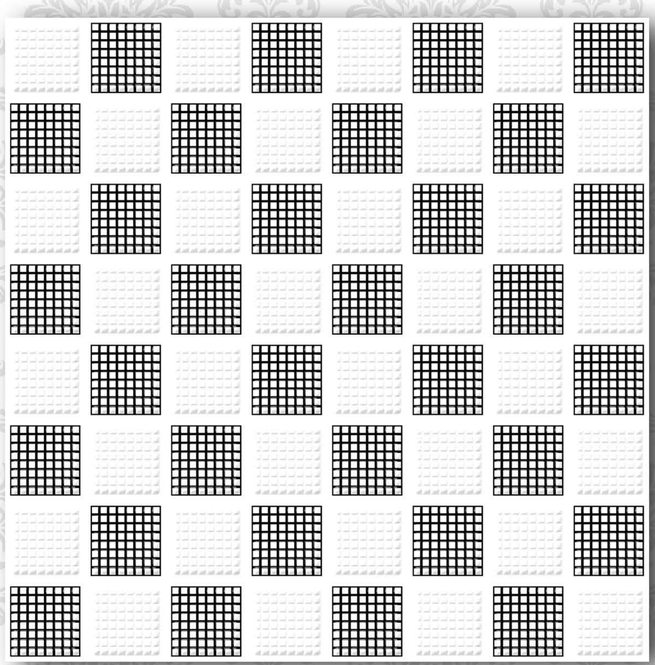
300 x
300 mm

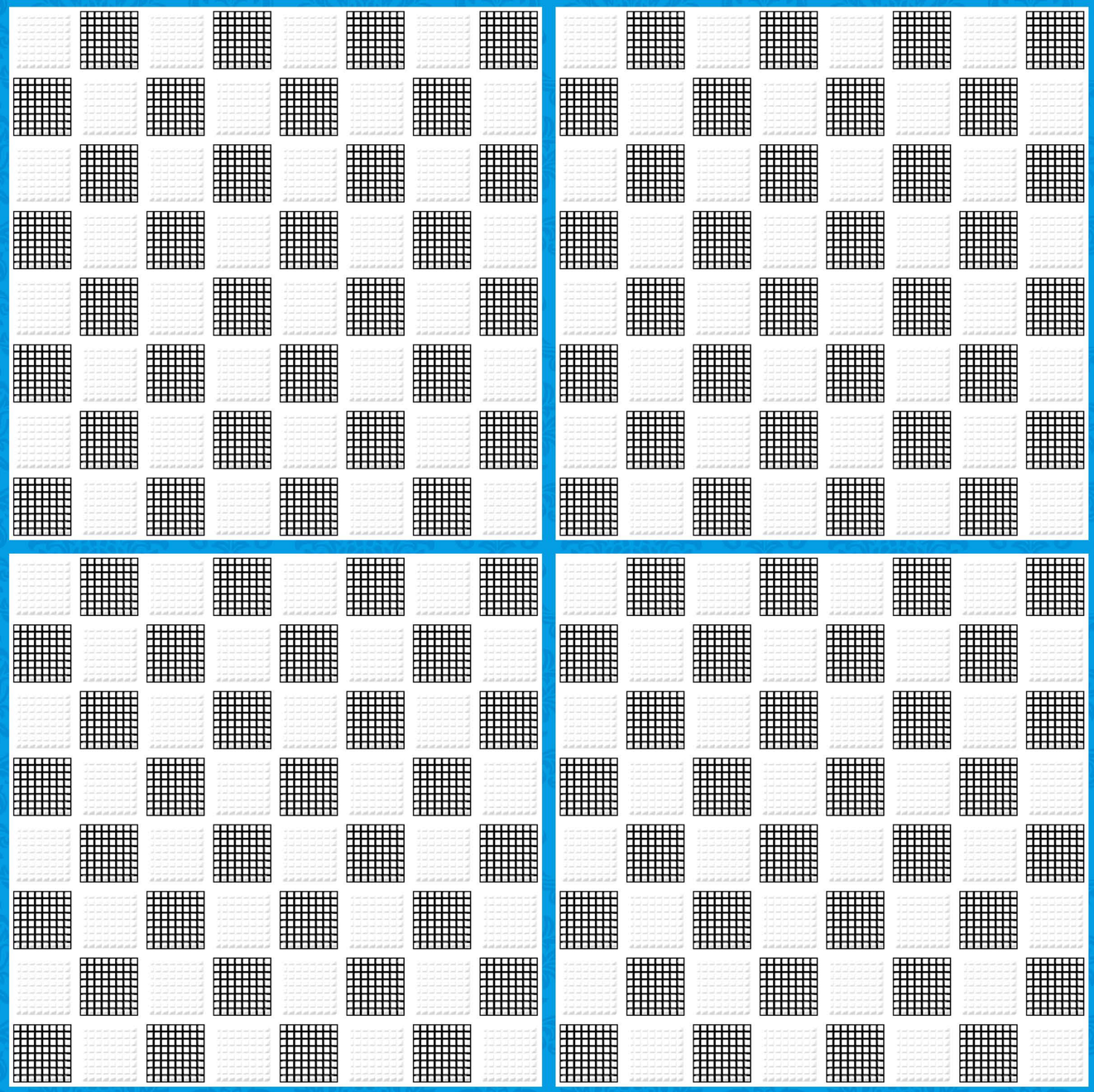
THICKNESS

9 mm

EAGLE
CERAMIC

COOL
ROOF
TILES





EC-CUBE-06

SIZE

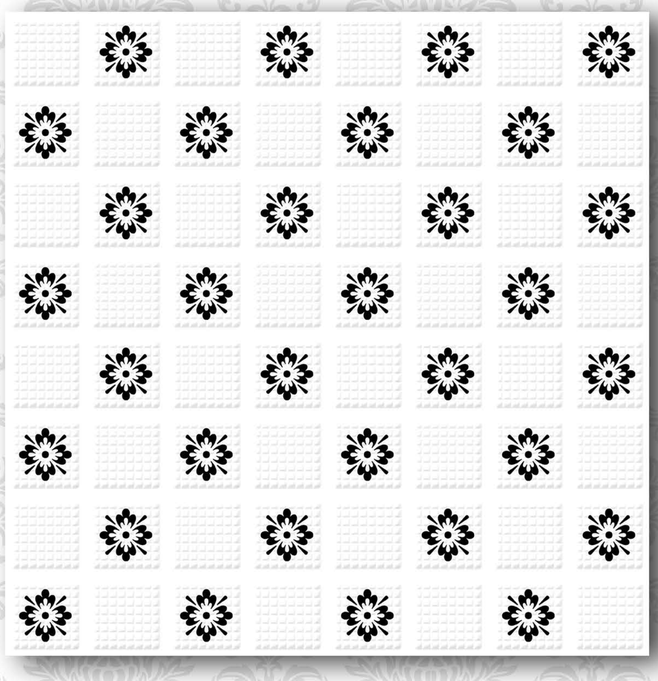
300 x
300 mm

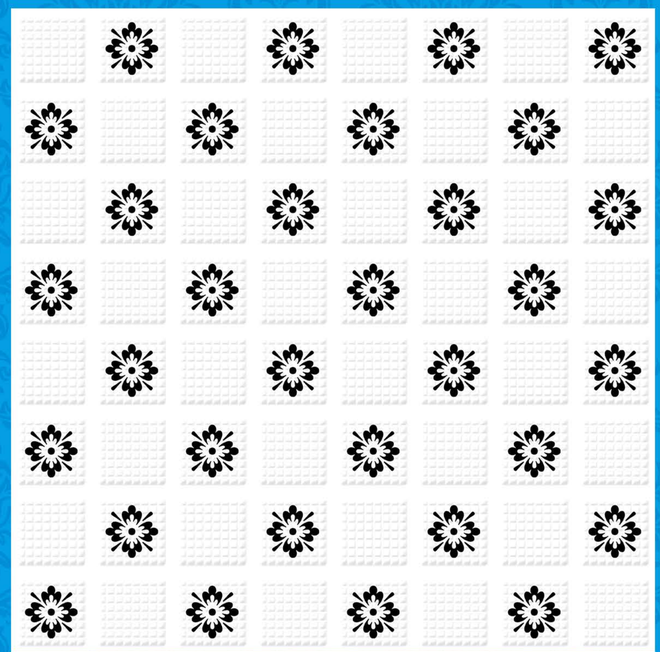
THICKNESS

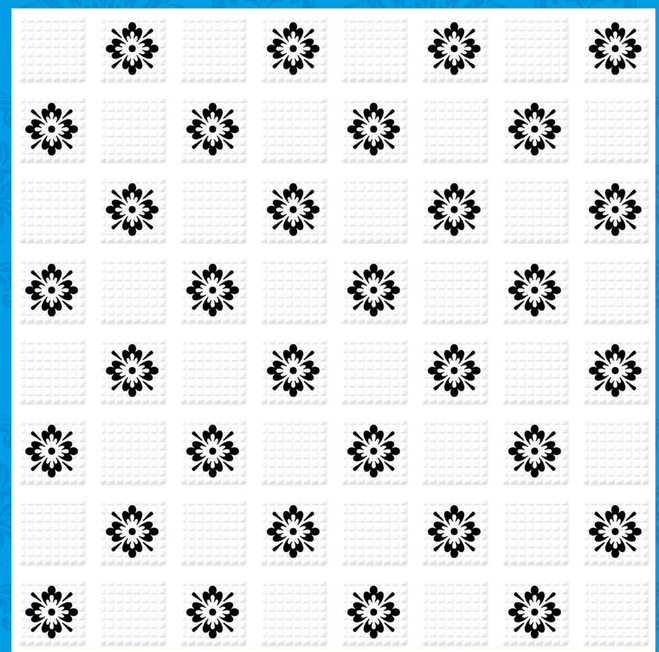
9 mm

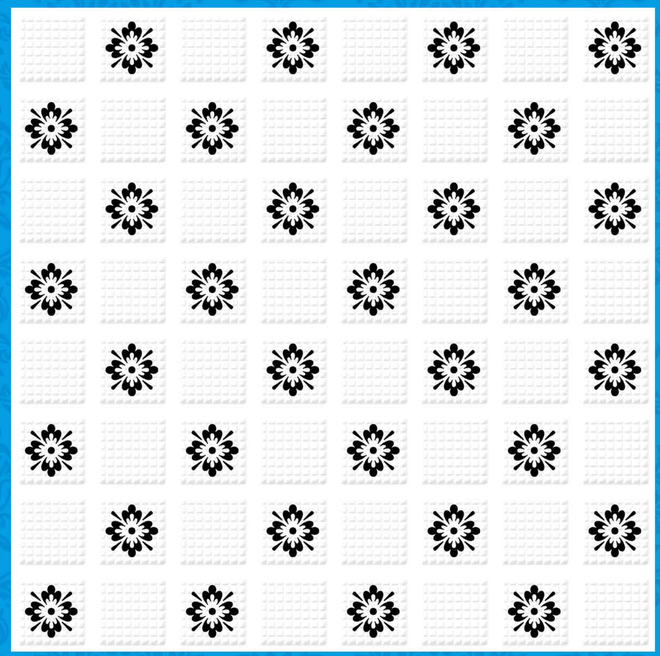
EAGLE
CERAMIC

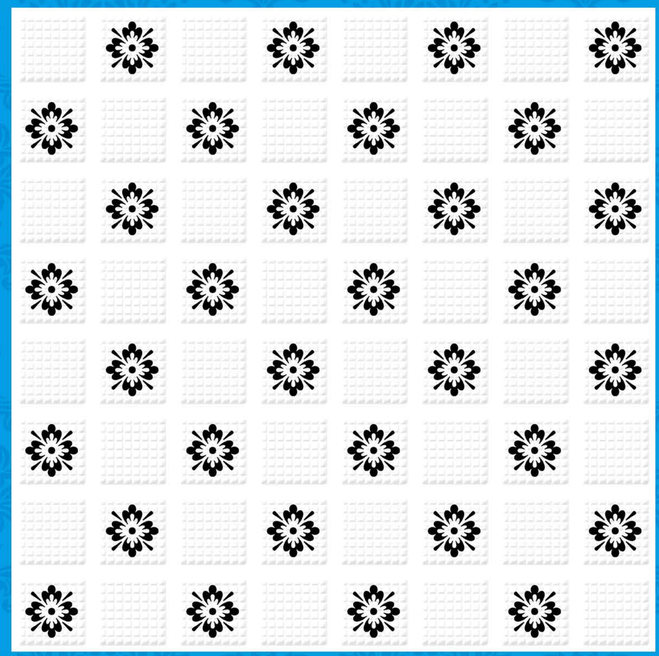
COOL
ROOF
TILES











EC-CUBE-07

SIZE

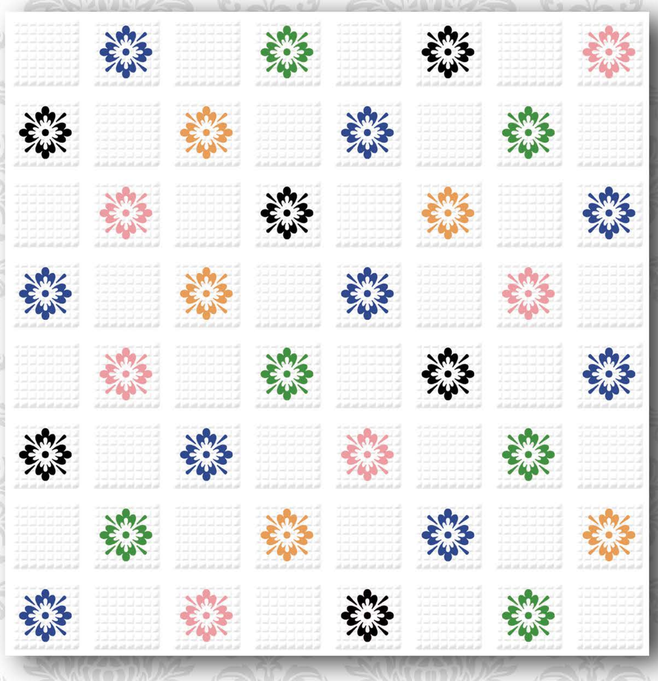
300 x
300 mm

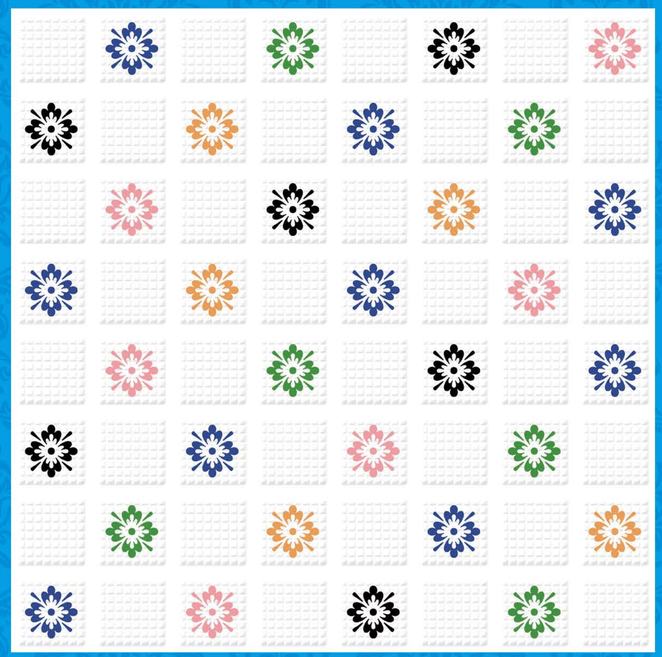
THICKNESS

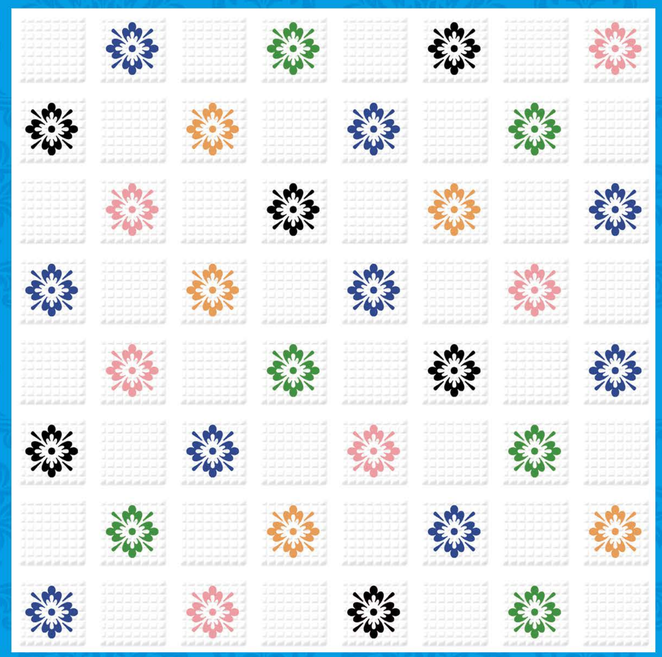
9 mm

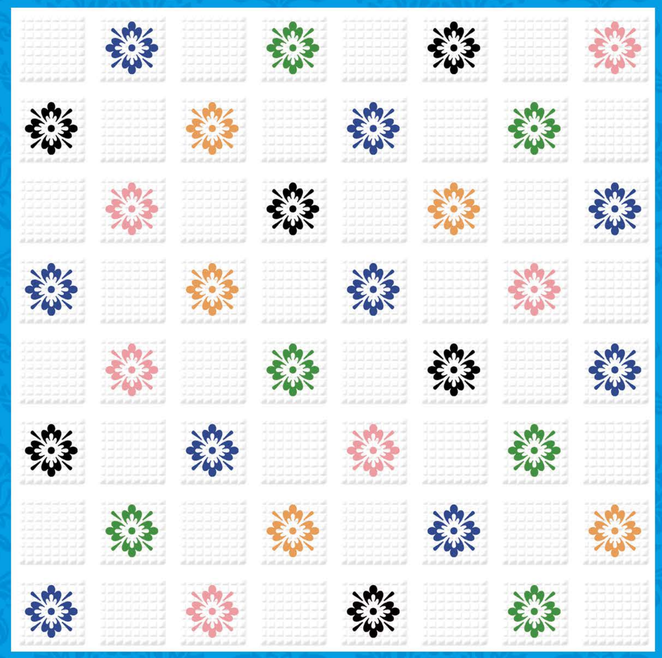
EAGLE
CERAMIC

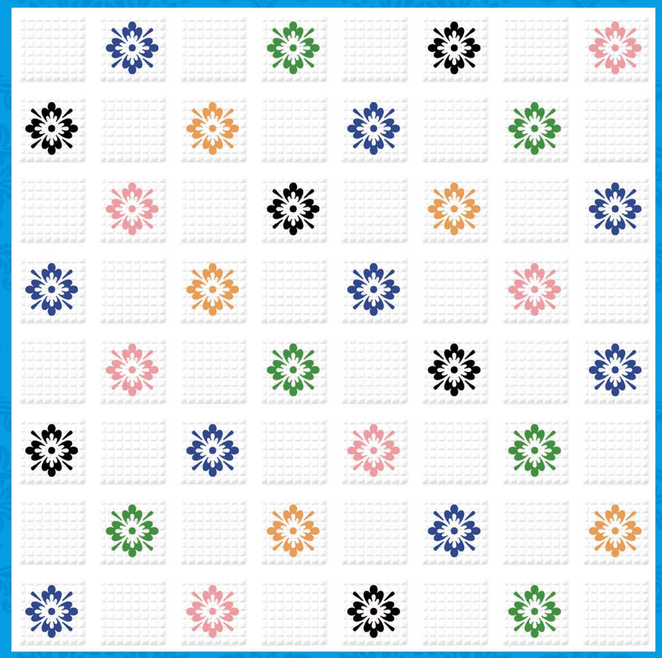
COOL
ROOF
TILES











EC-CUBE-08

SIZE

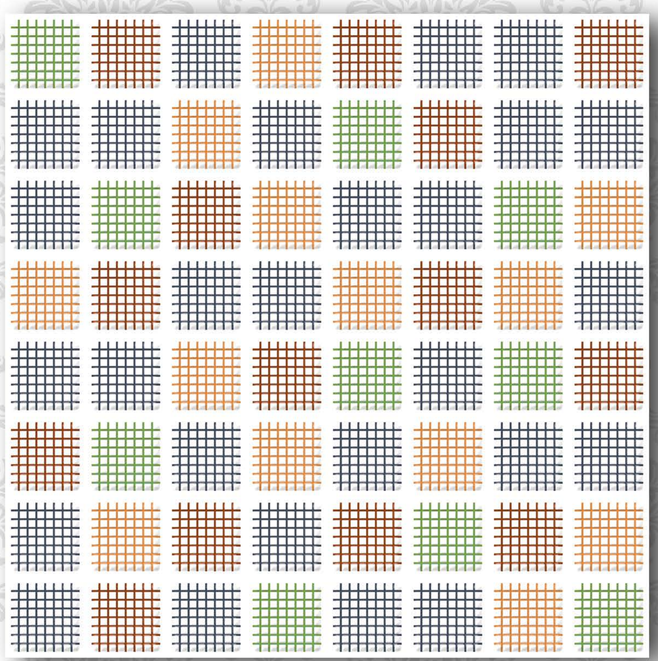
300 x
300 mm

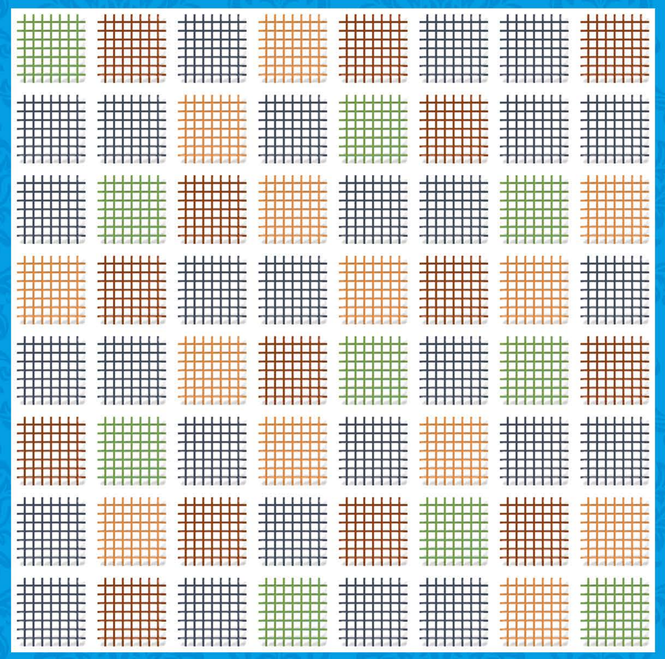
THICKNESS

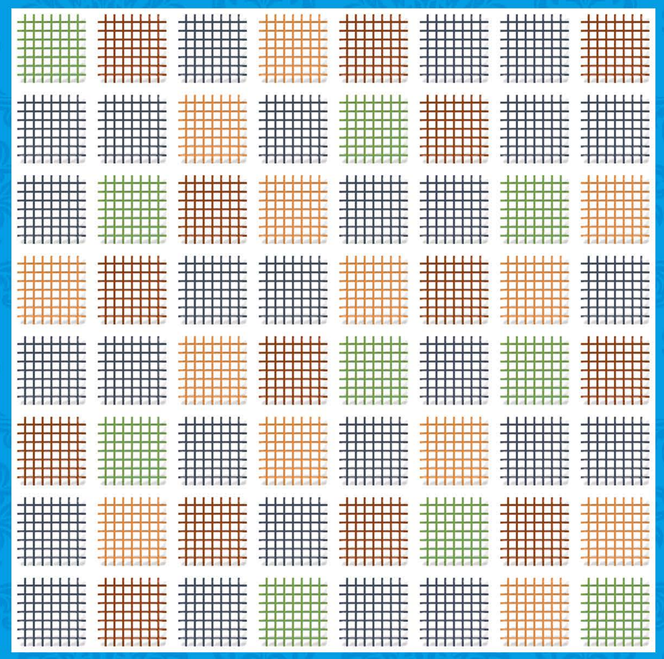
9 mm

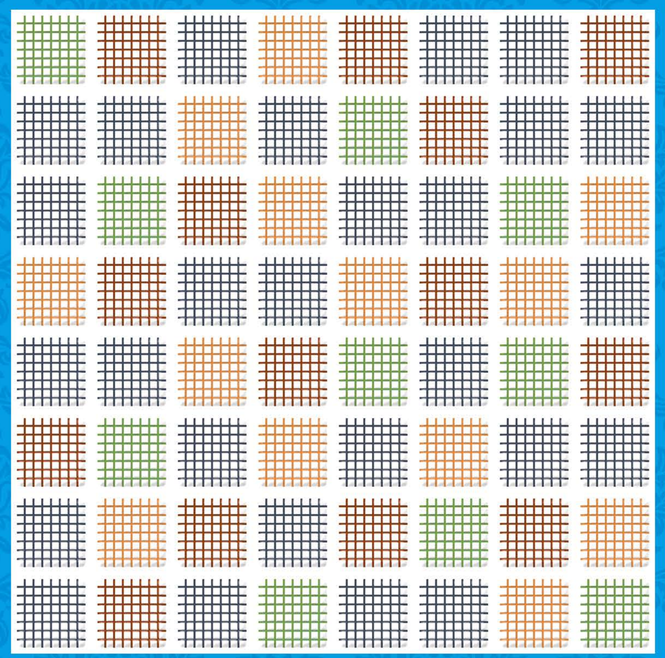
EAGLE
CERAMIC

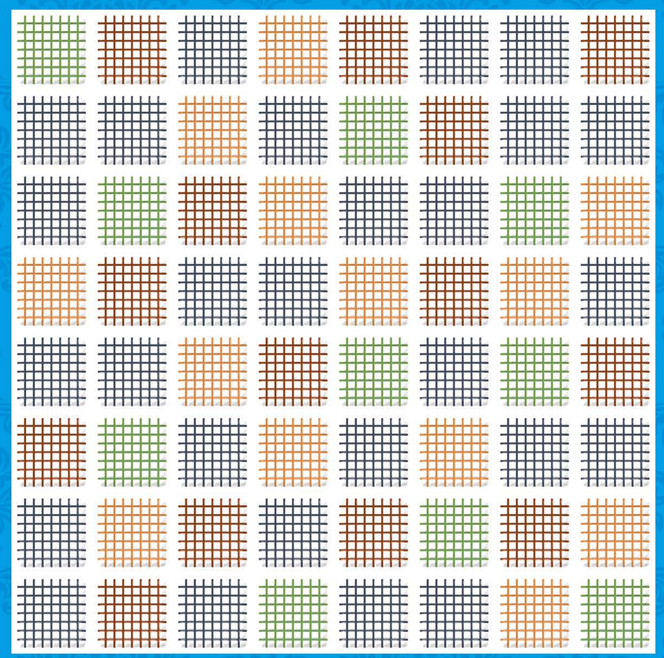
COOL
ROOF
TILES











EC-CUBE-09

SIZE

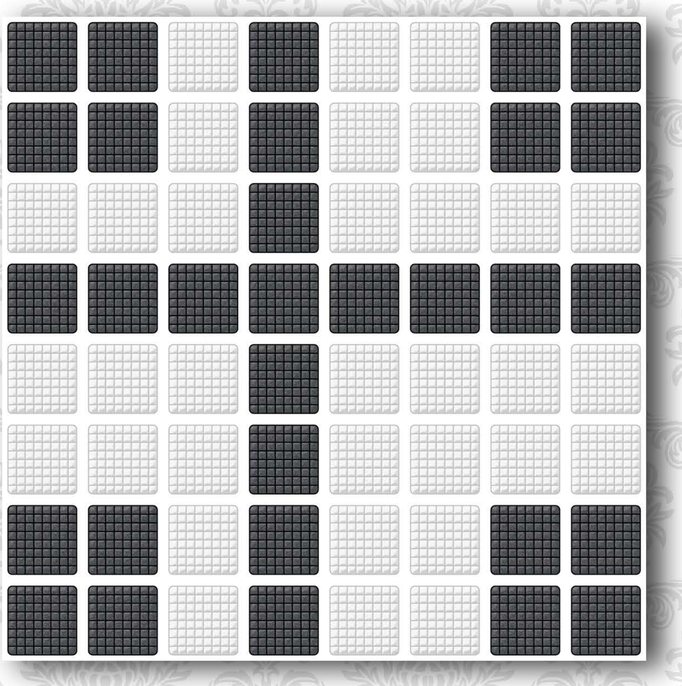
300 x
300 mm

THICKNESS

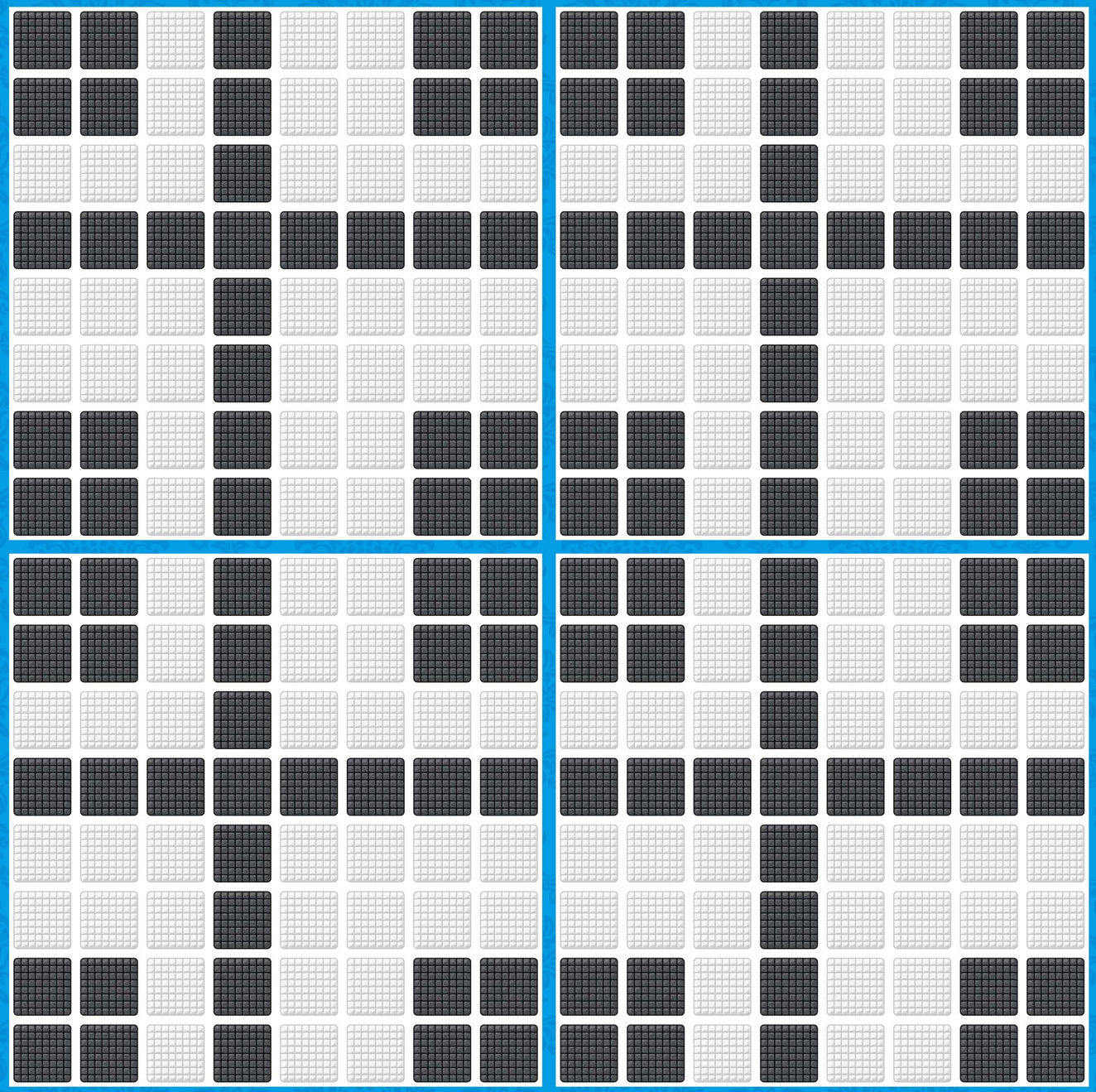
9 mm

EAGLE
CERAMIC

COOL
ROOF
TILES



EC-CUBE-10



SIZE

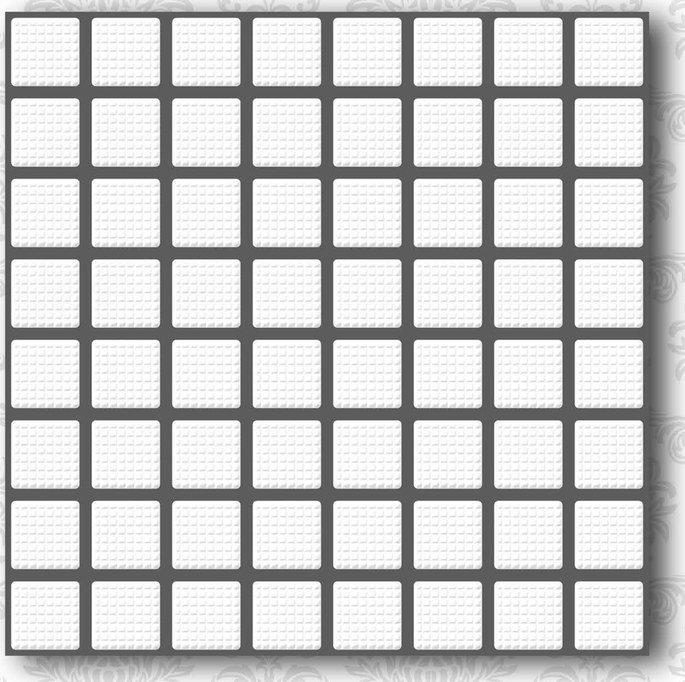
300 x
300 mm

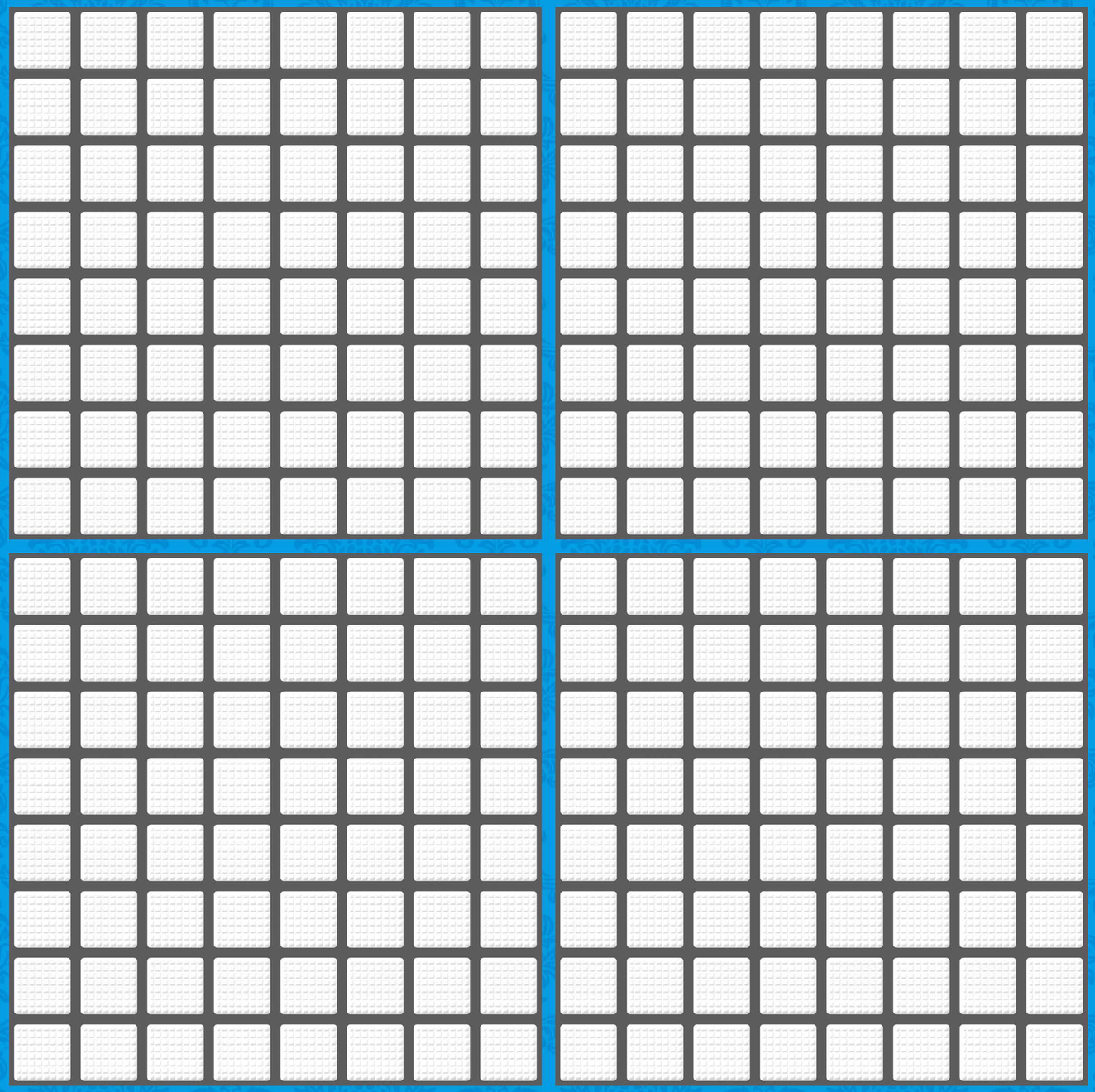
THICKNESS

9 mm

EAGLE
CERAMIC

COOL
ROOF
TILES





EC-CUBE-11

SIZE

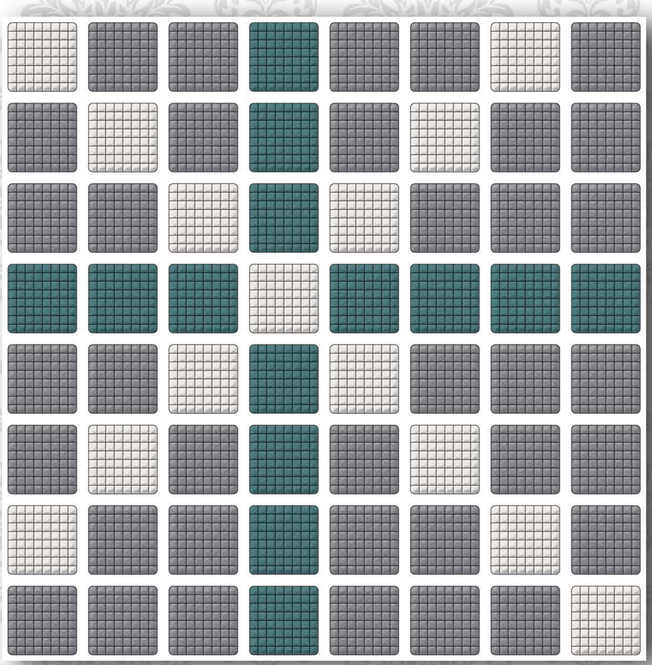
300 x
300 mm

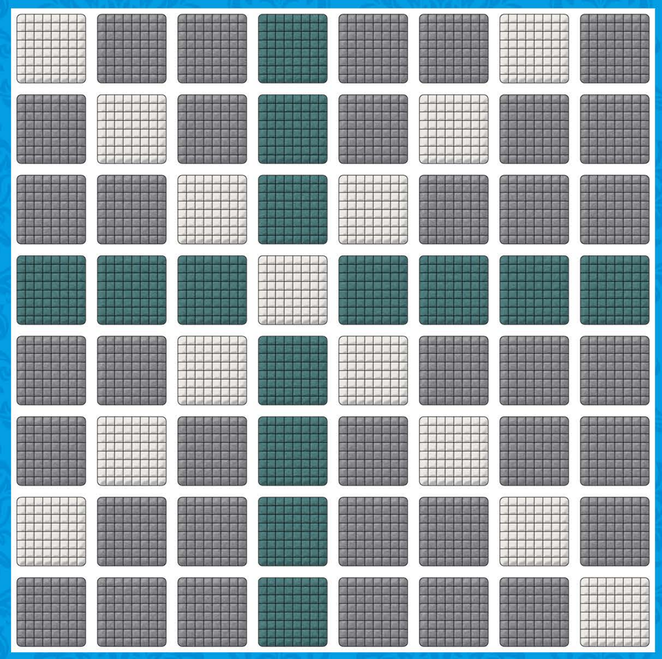
THICKNESS

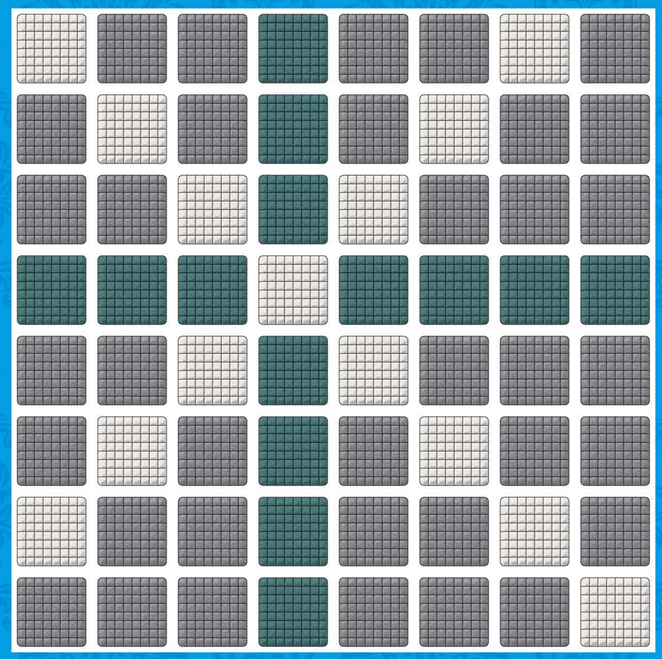
9 mm

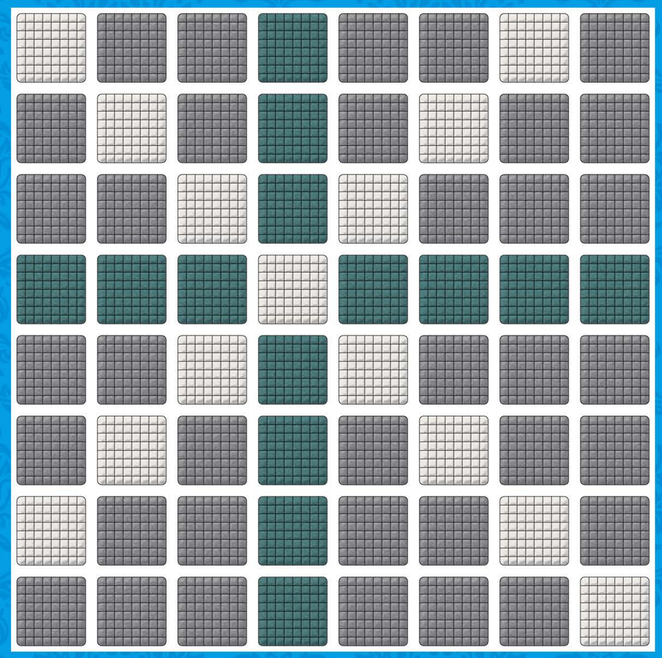
EAGLE
CERAMIC

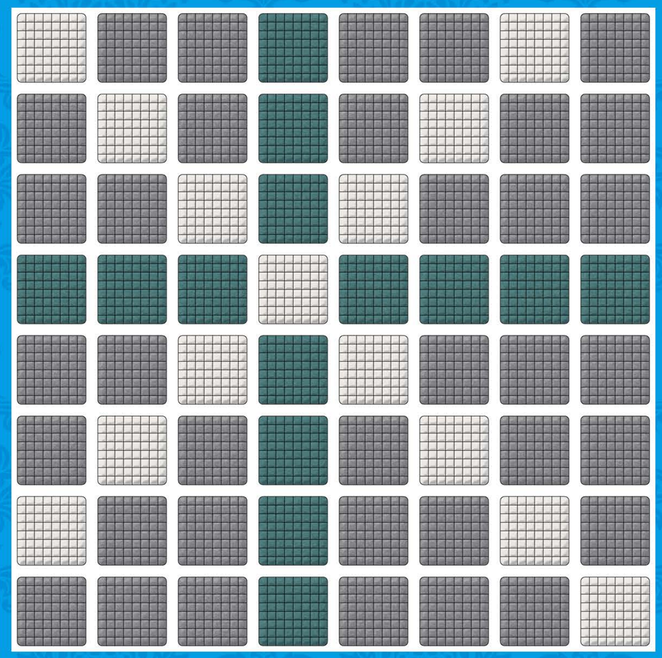
COOL
ROOF
TILES











EC-CUBE-12

SIZE

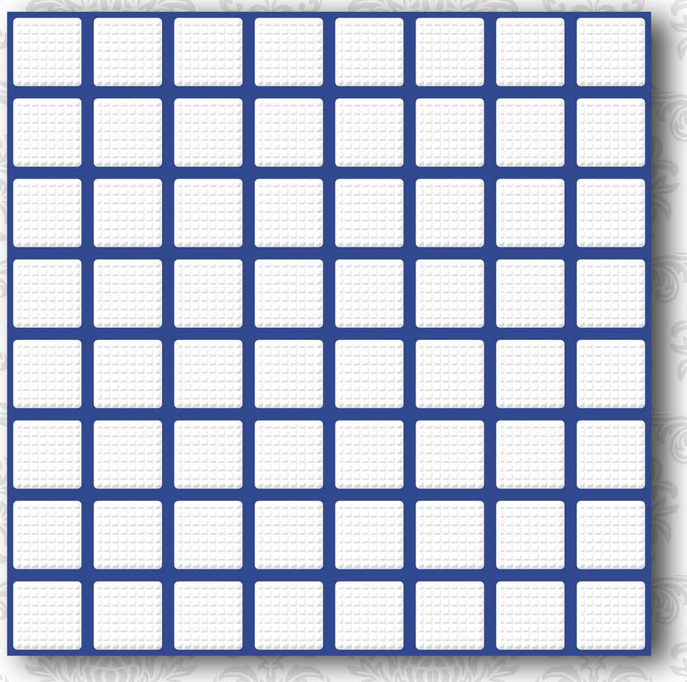
300 x
300 mm

THICKNESS

9 mm

EAGLE
CERAMIC

COOL
ROOF
TILES



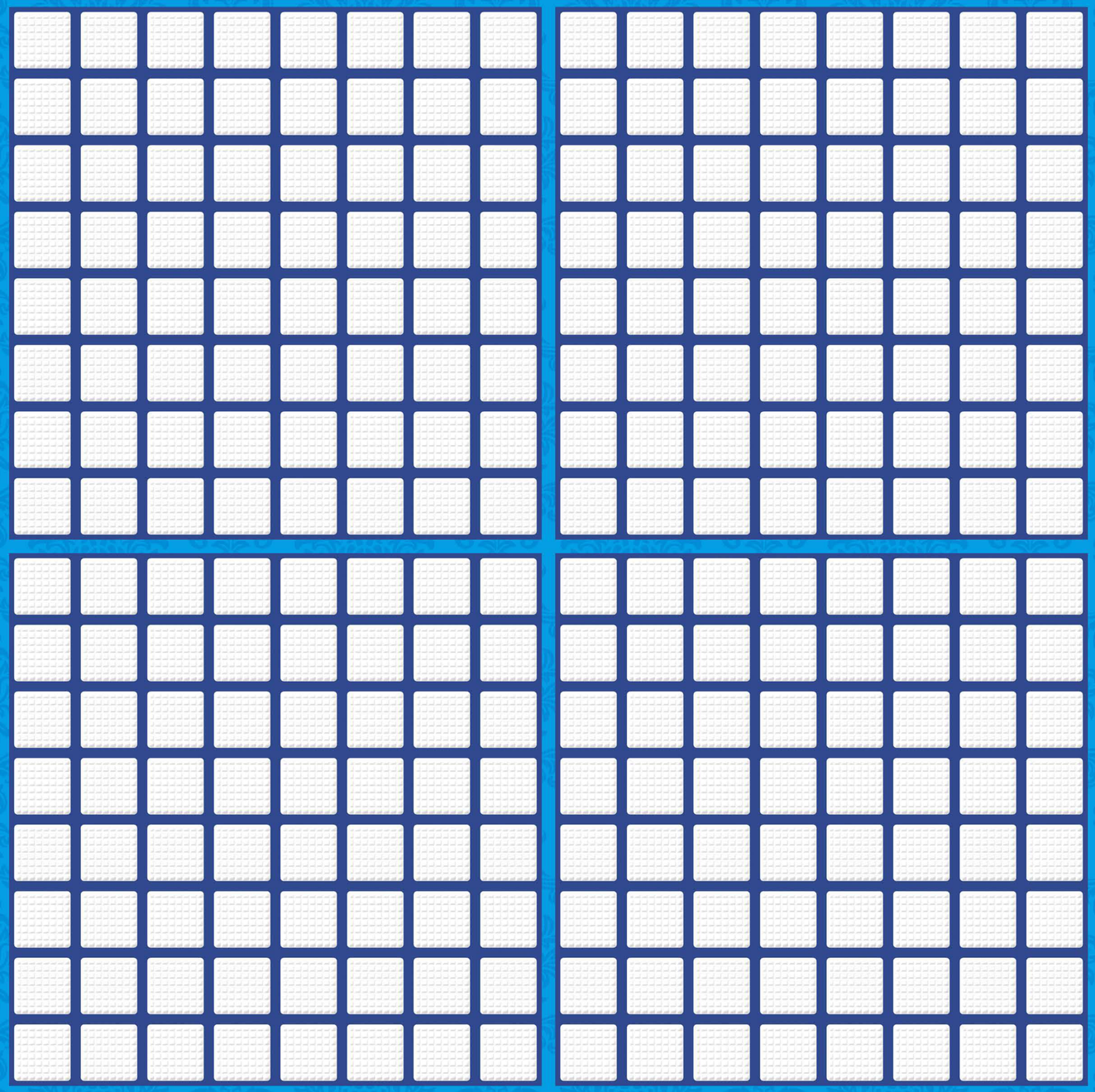
EC-CUBE-13

SIZE

300 x
300 mm

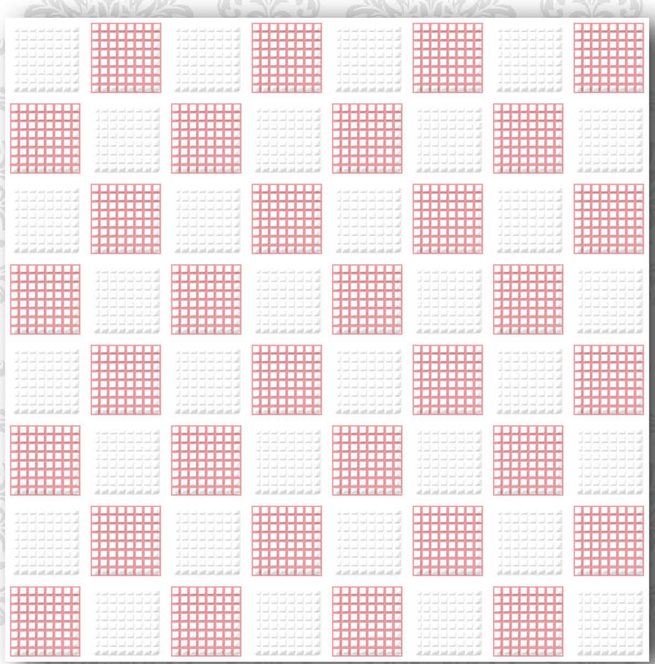
THICKNESS

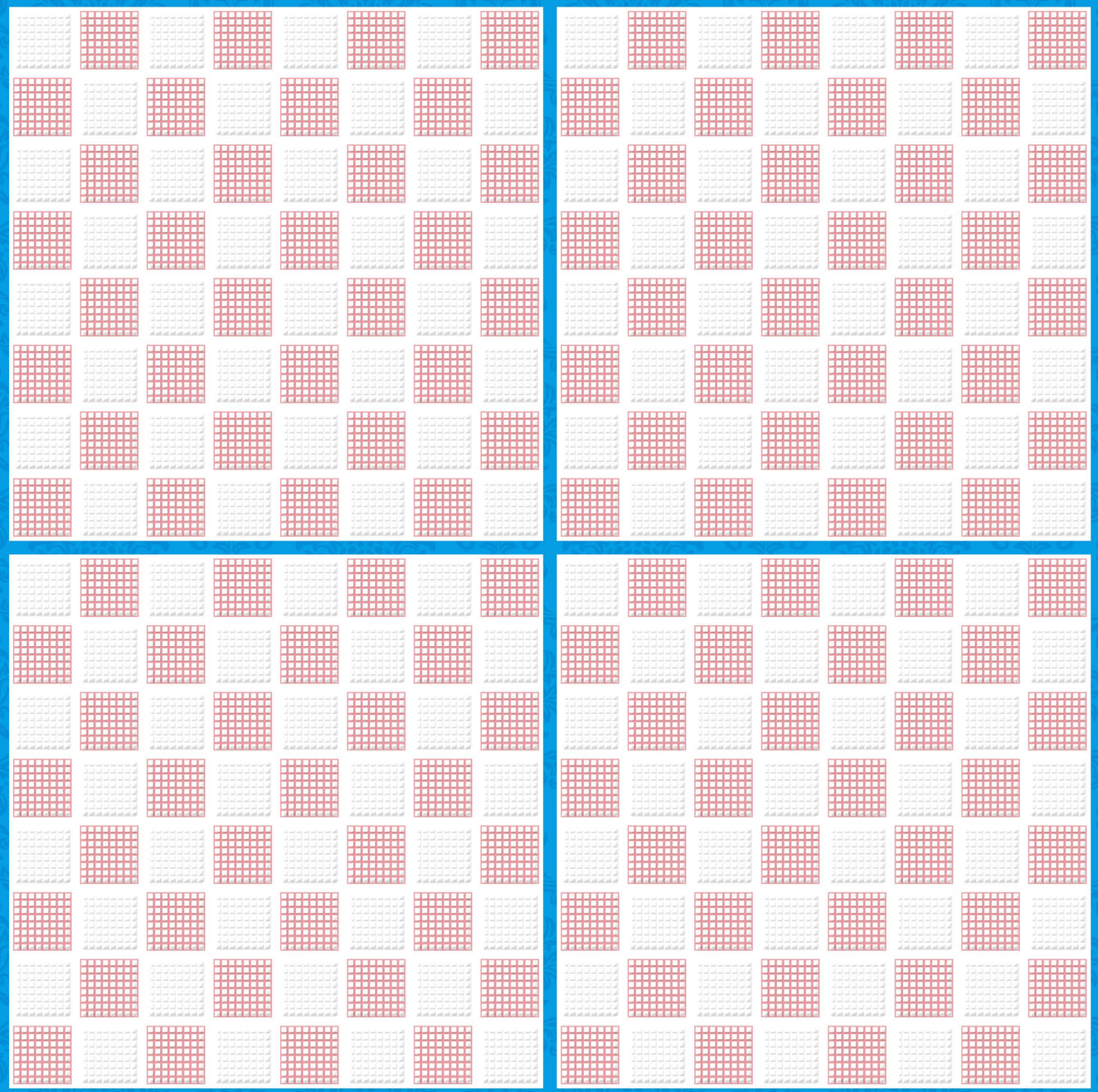
9 mm



EAGLE
CERAMIC

COOL
ROOF
TILES





EC-CUBE-14

SIZE

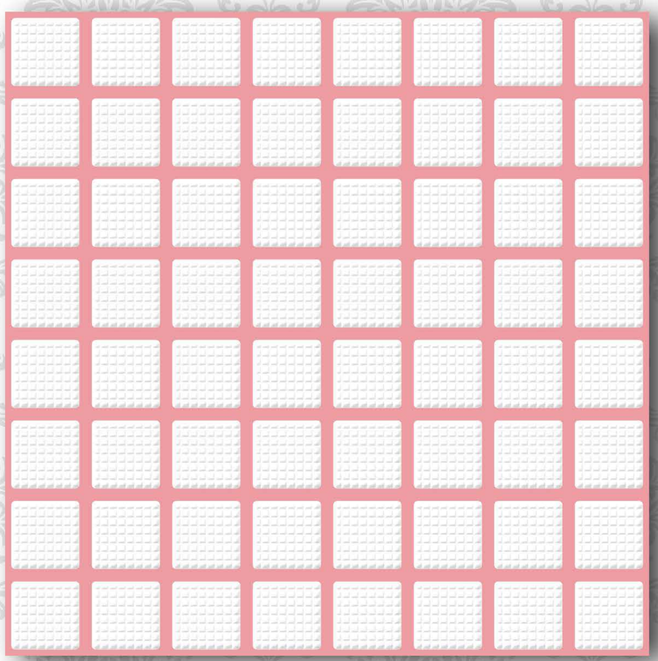
300 x
300 mm

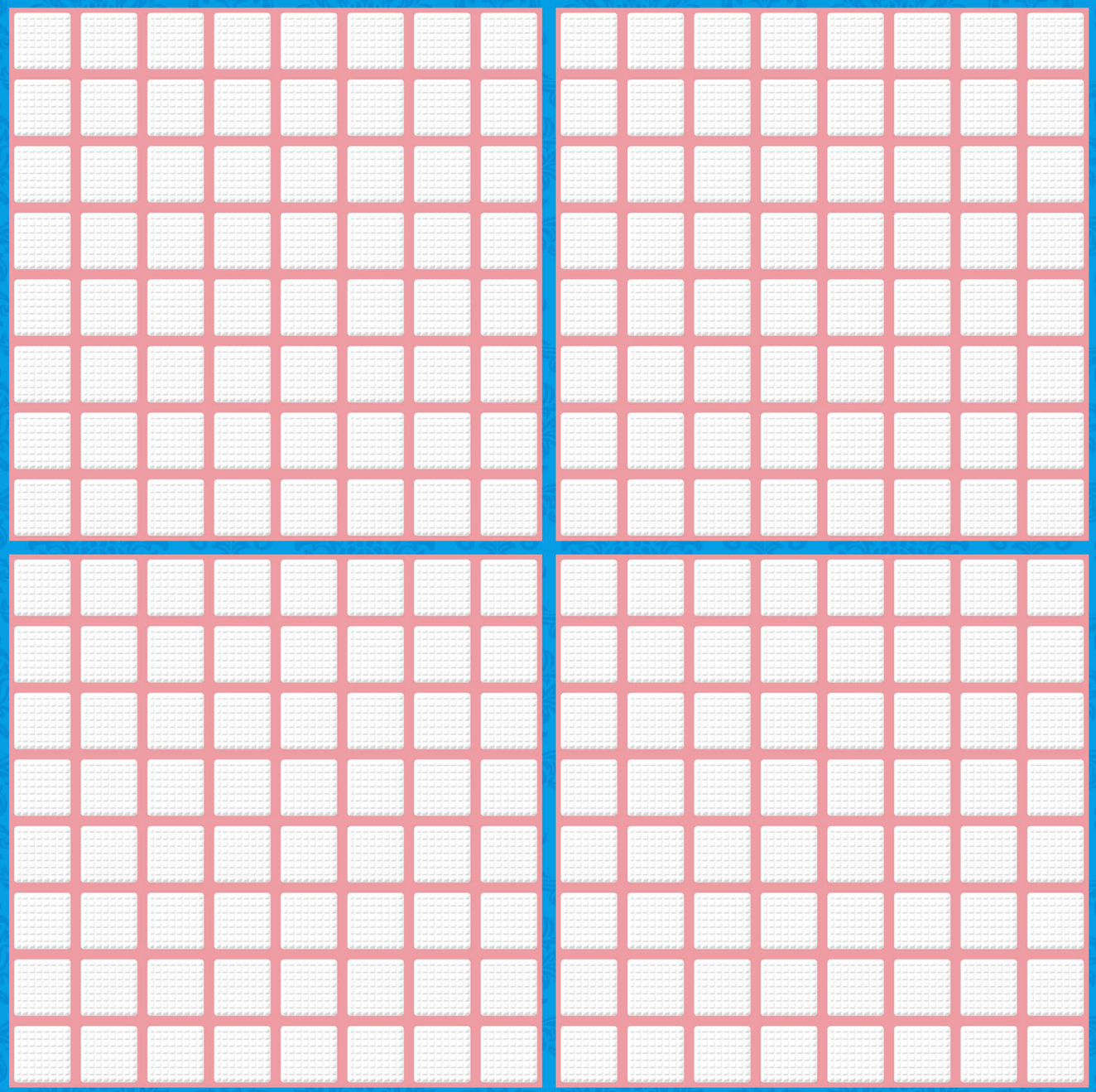
THICKNESS

9 mm

EAGLE
CERAMIC

COOL
ROOF
TILES





EC-CUBE-15

SIZE

300 x
300 mm

THICKNESS

9 mm

EAGLE
CERAMIC

COOL
ROOF
TILES

EC-HEXA WHITE

SIZE

300 x
300 mm

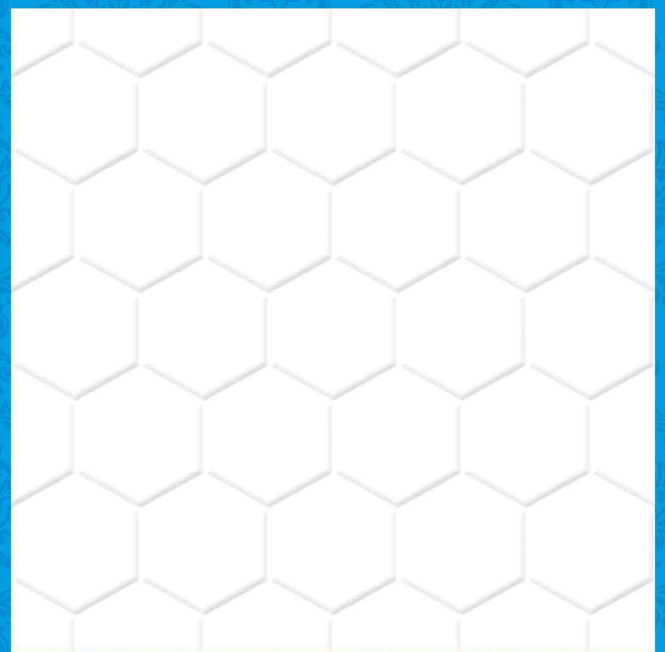
THICKNESS

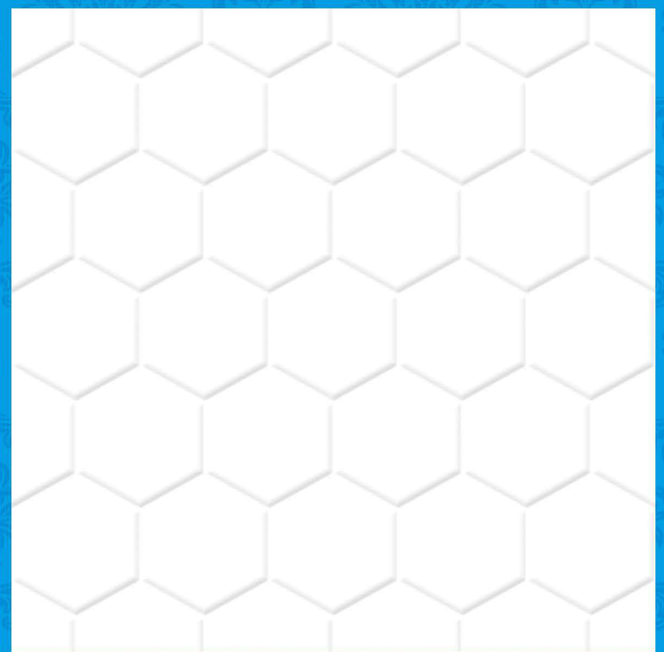
9 mm

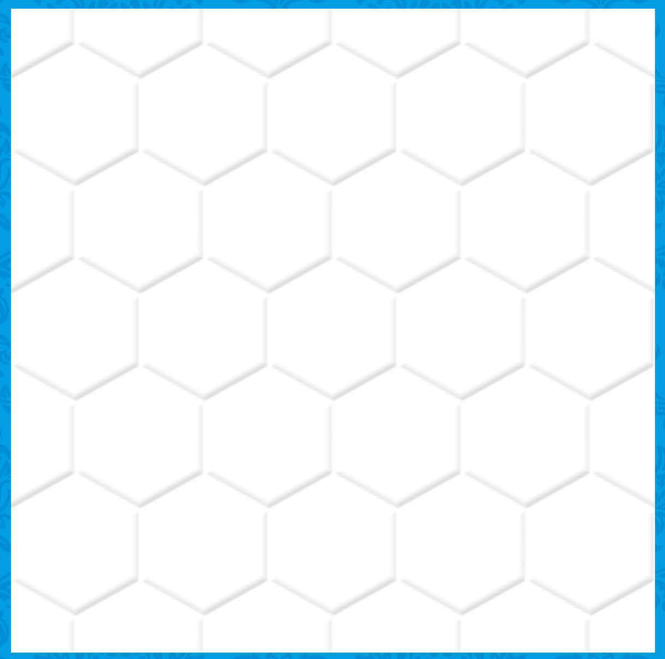
PUNCH FINISH

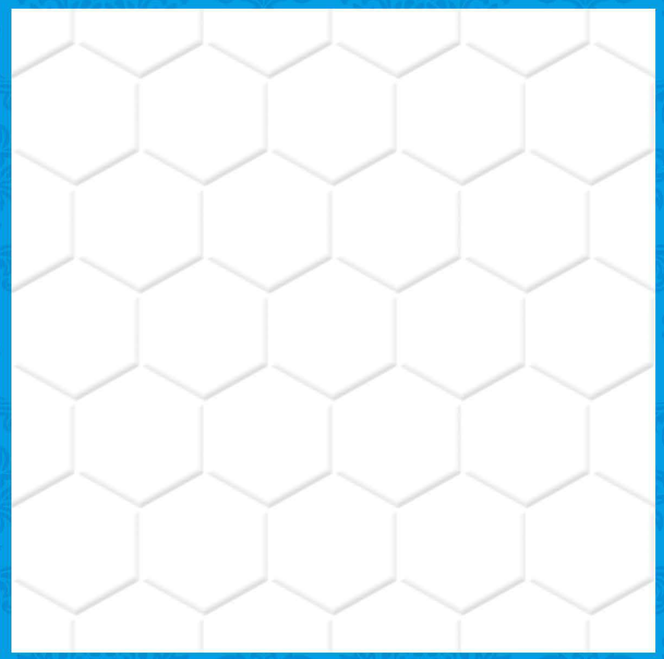
MATT

SUGAR



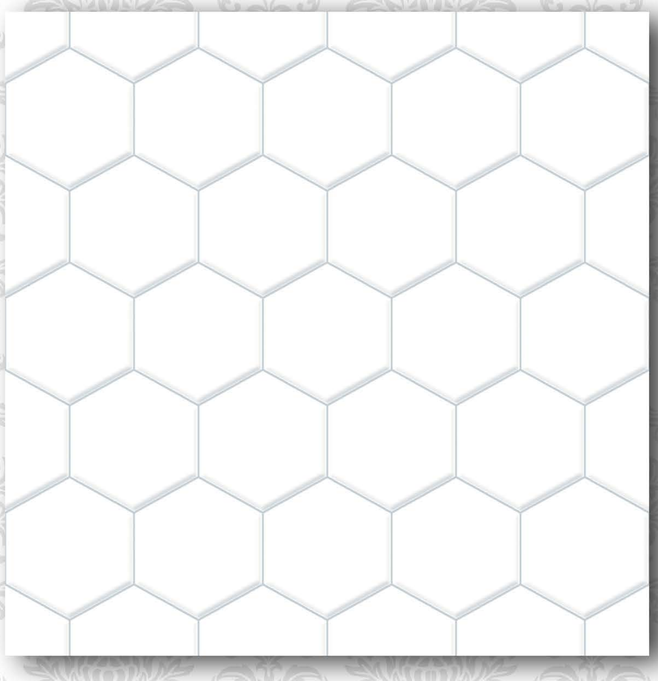






EAGLE
CERAMIC

COOL
ROOF
TILES



EC-HEXA-01

SIZE

300 x
300 mm

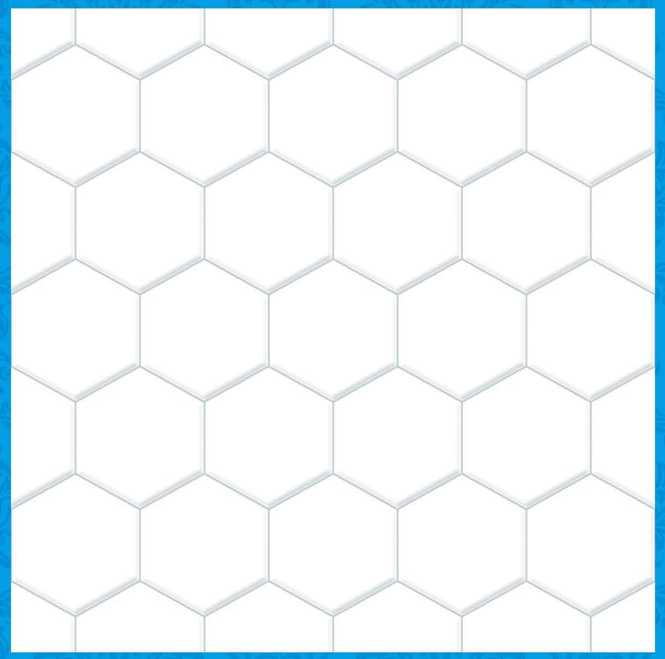
THICKNESS

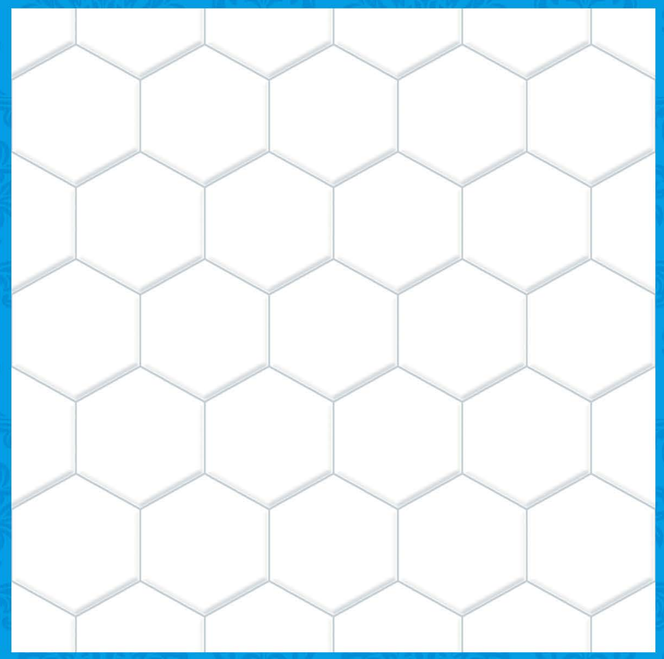
9 mm

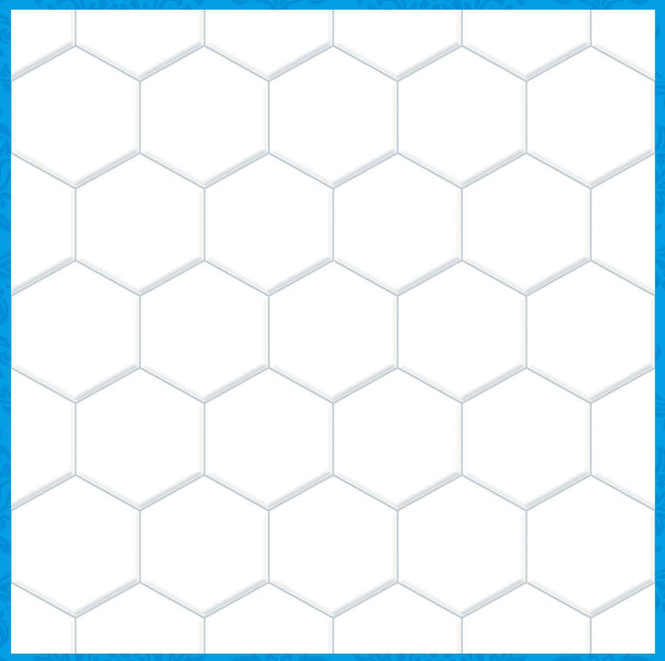
PUNCH FINISH

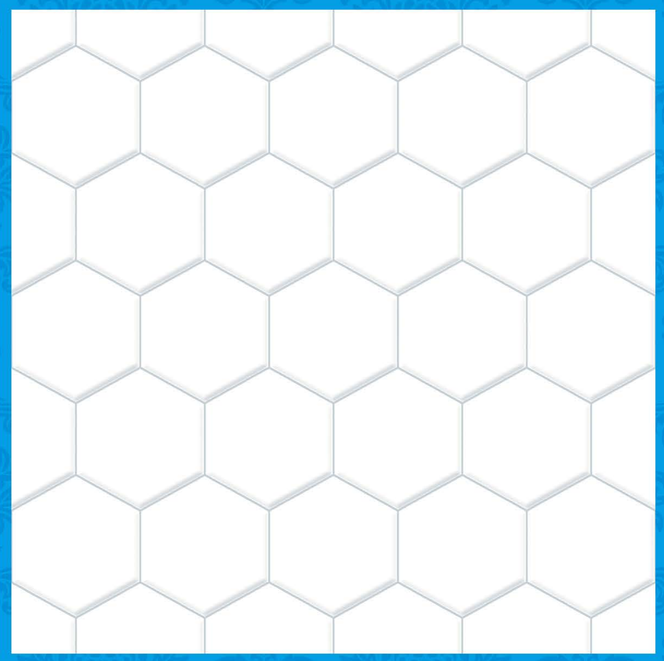
MATT

SUGAR



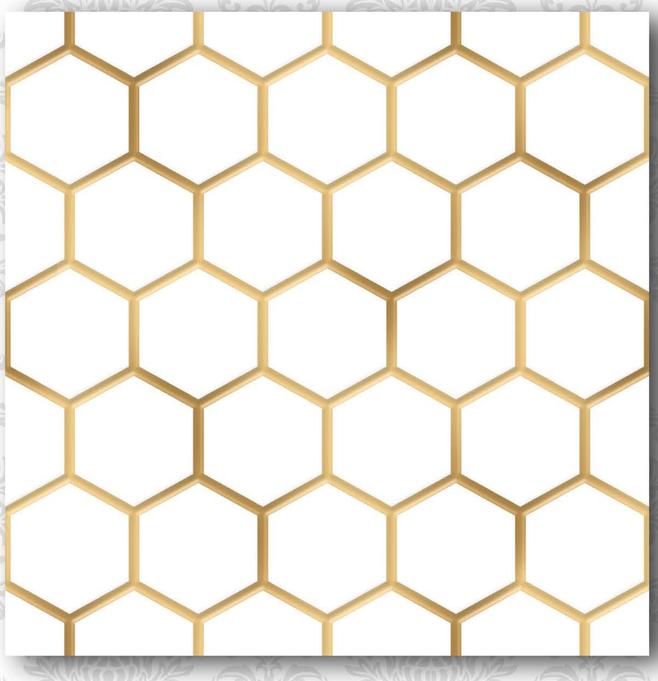




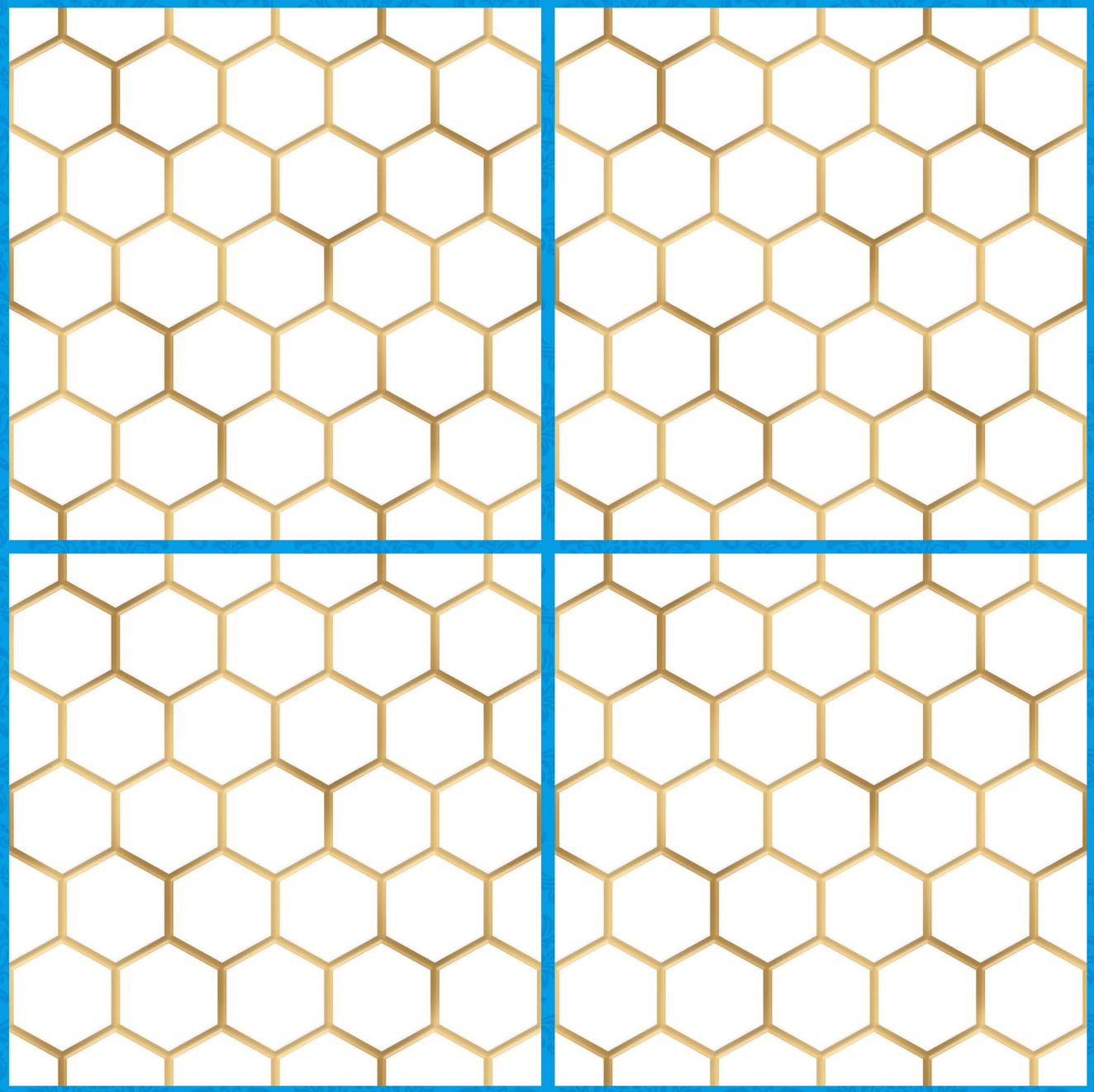


EAGLE
CERAMIC

COOL
ROOF
TILES



EC-HEXA-02



SIZE

300 x
300 mm

PUNCH FINISH

MATT

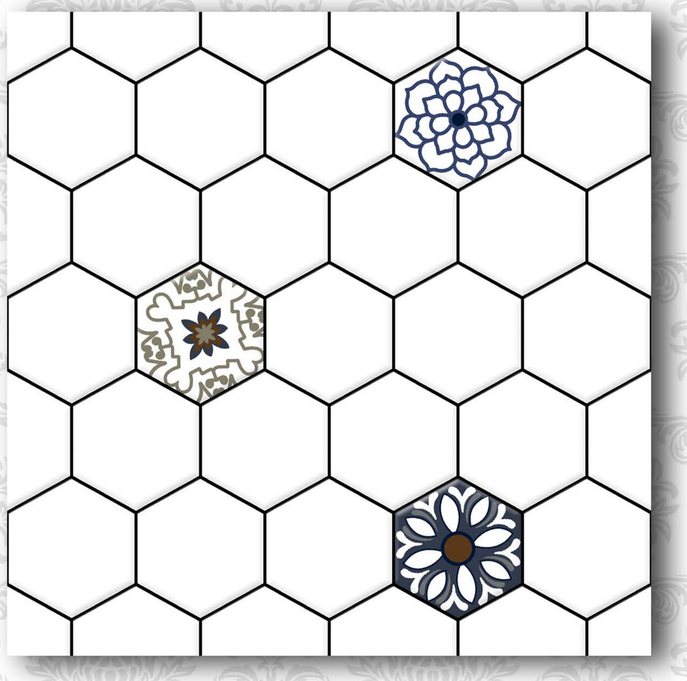
SUGAR

THICKNESS

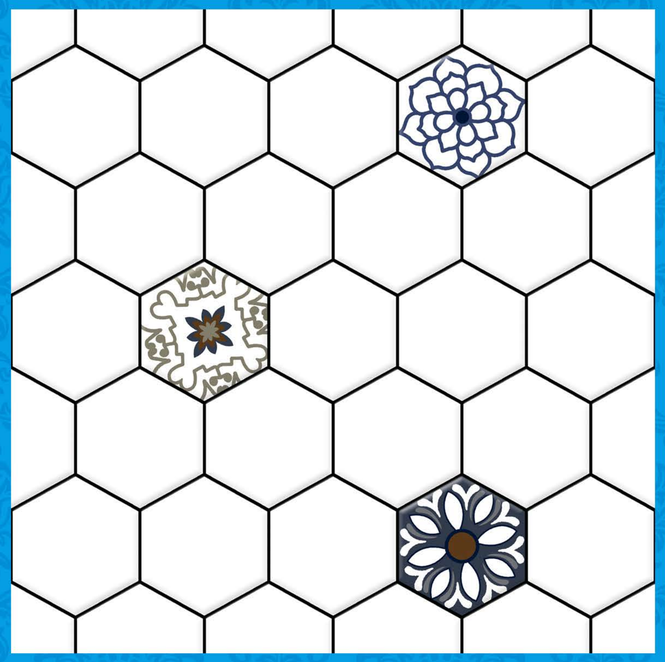
9 mm

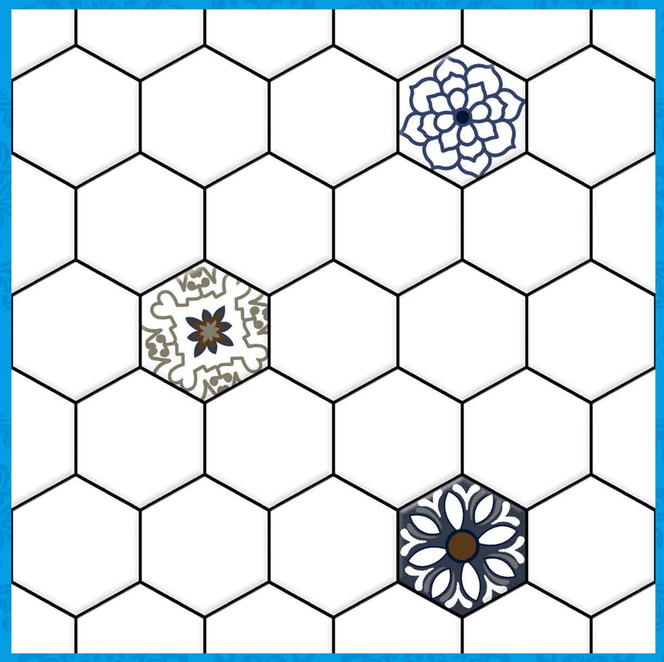
EAGLE
CERAMIC

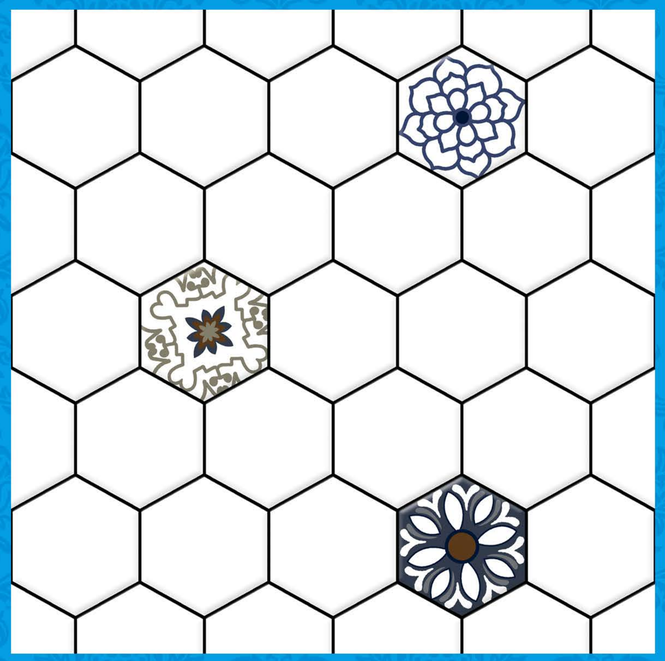
COOL
ROOF
TILES

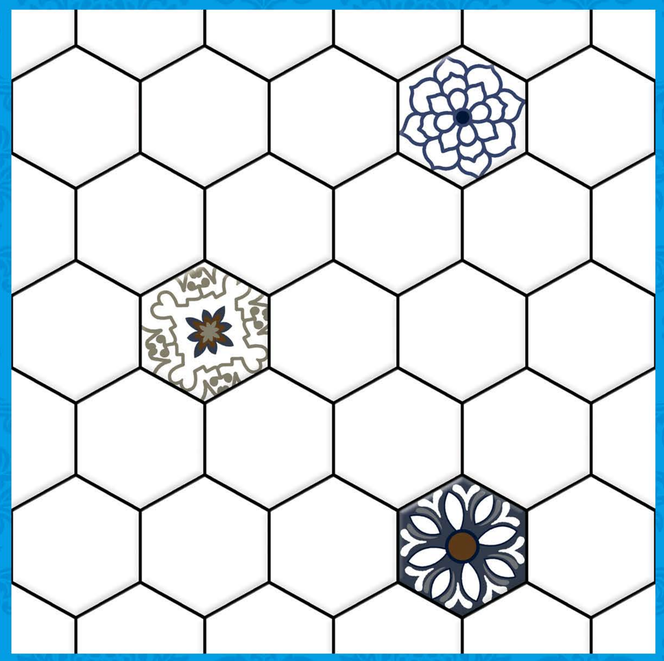


EC-HEXA-03









SIZE

300 x
300 mm

PUNCH FINISH

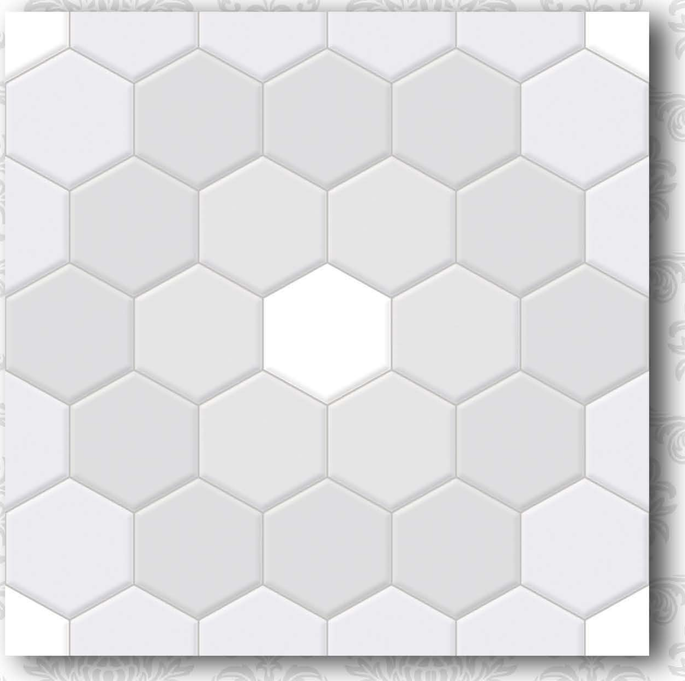
MATT
SUGAR

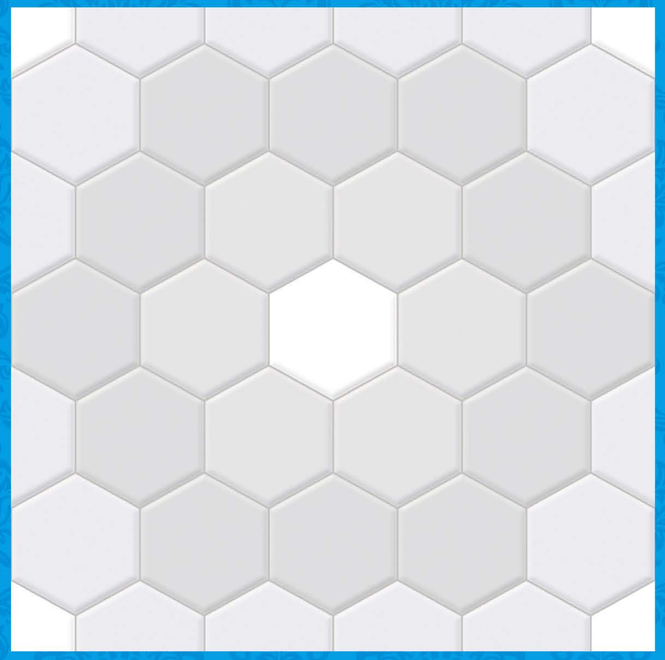
THICKNESS

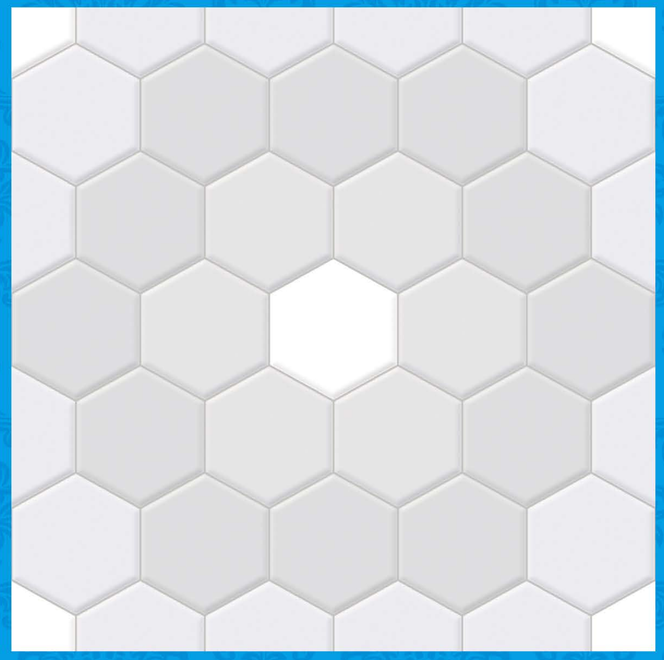
9 mm

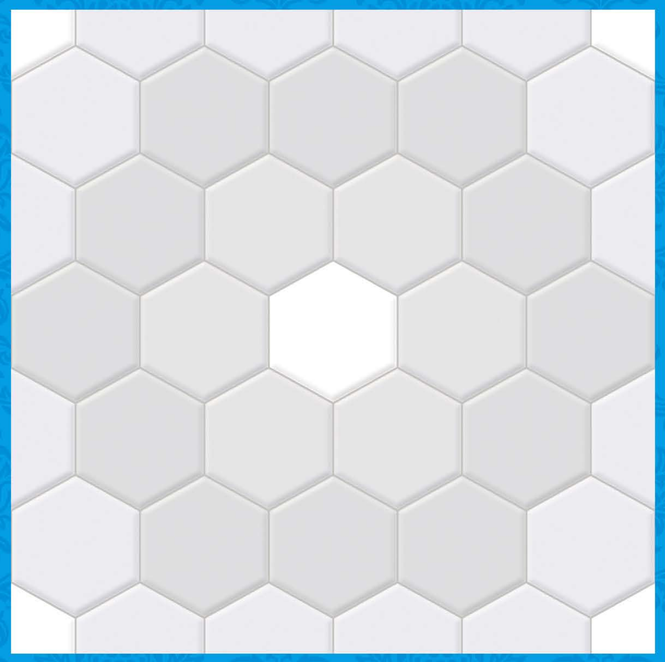
EAGLE
CERAMIC

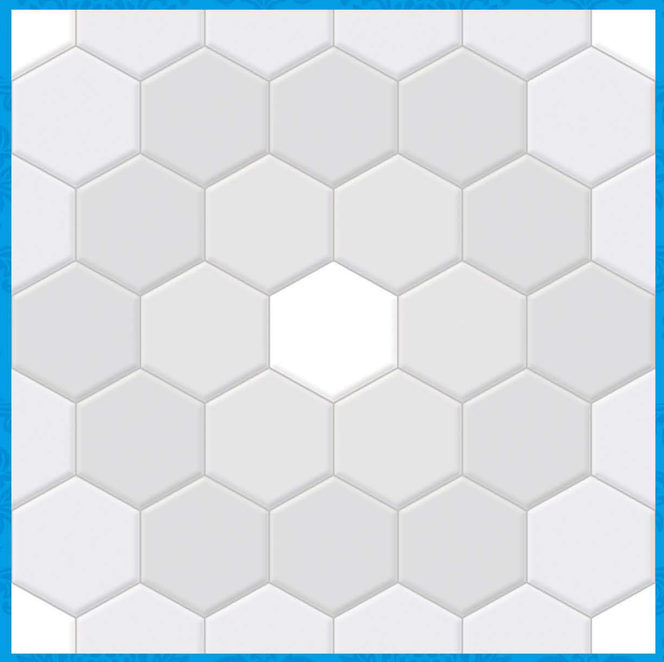
COOL
ROOF
TILES











EC-HEXA-04

SIZE

300 x
300 mm

THICKNESS

9 mm

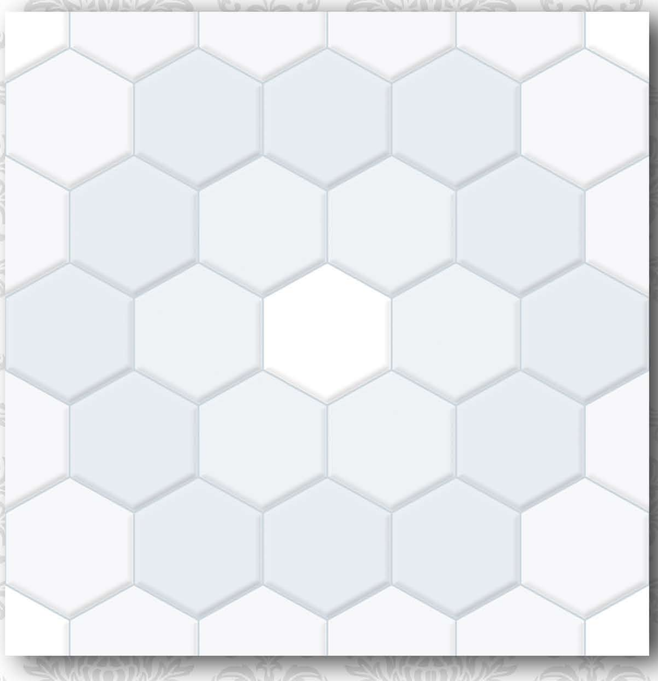
PUNCH FINISH

MATT

SUGAR

EAGLE
CERAMIC

COOL
ROOF
TILES



EC-HEXA-05

SIZE

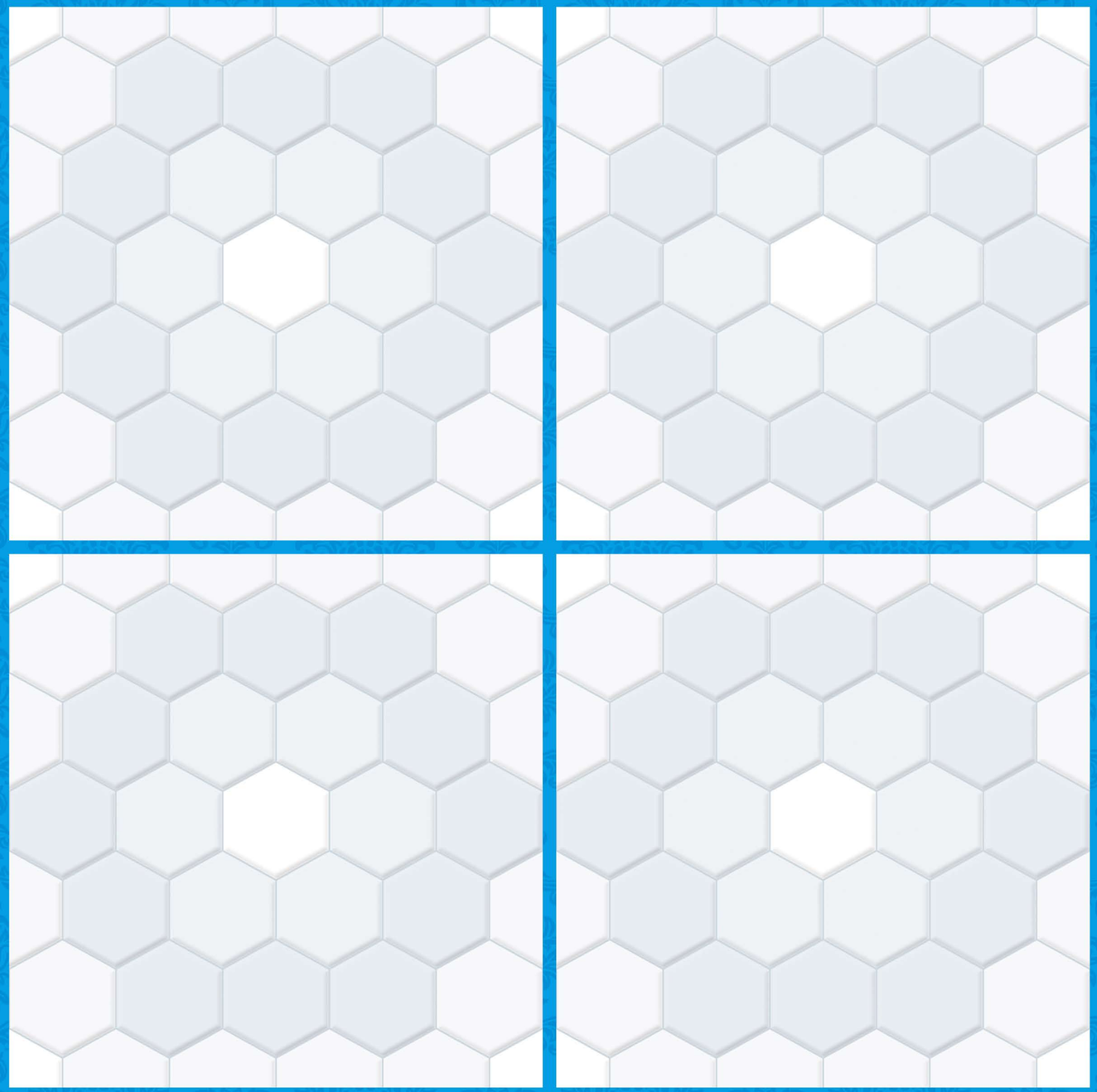
300 x
300 mm

PUNCH FINISH

MATT
SUGAR

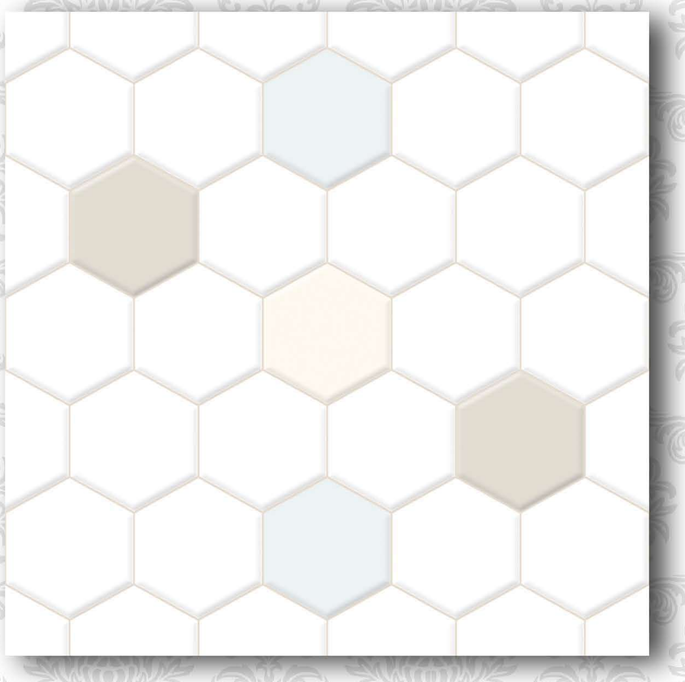
THICKNESS

9 mm



EAGLE
CERAMIC

COOL
ROOF
TILES



EC-HEXA-06

SIZE

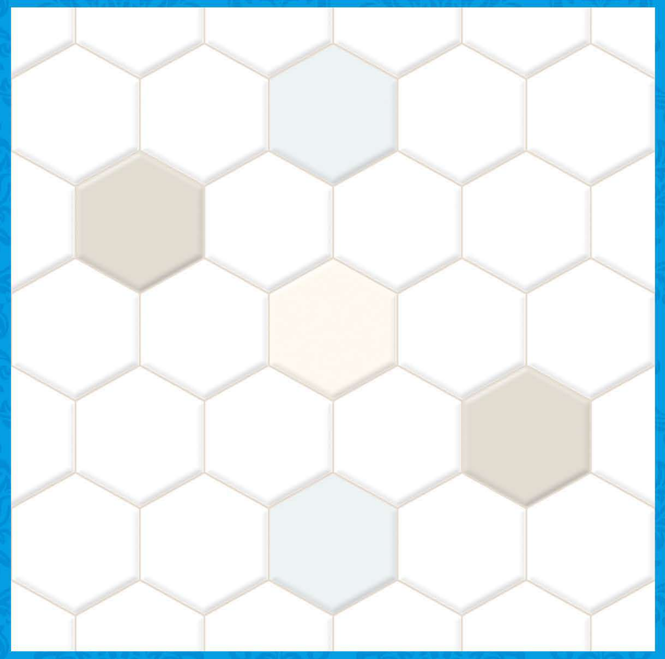
300 x
300 mm

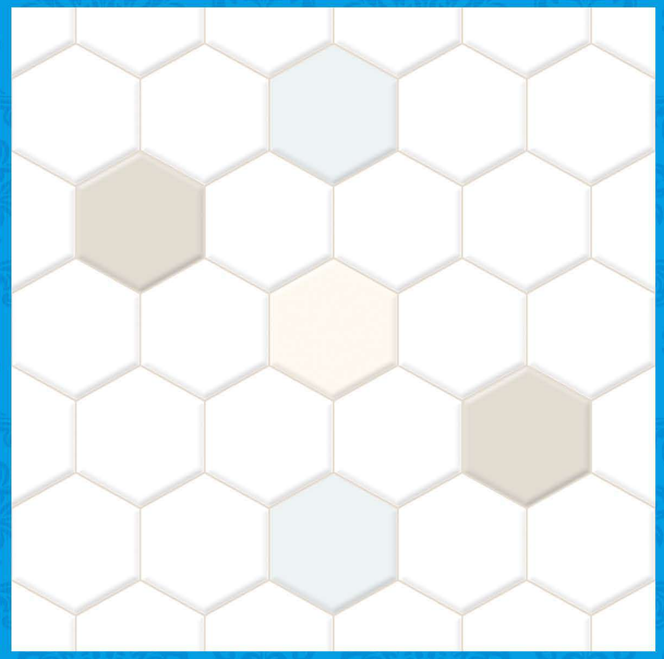
PUNCH FINISH

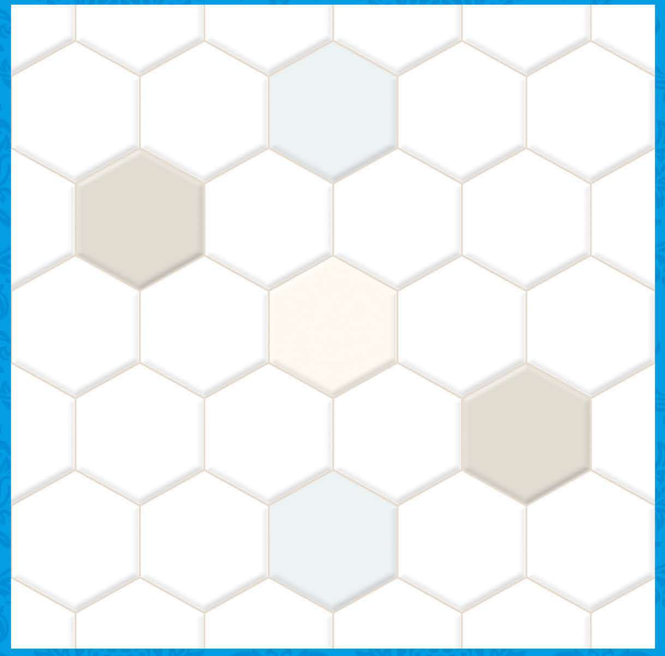
MATT
SUGAR

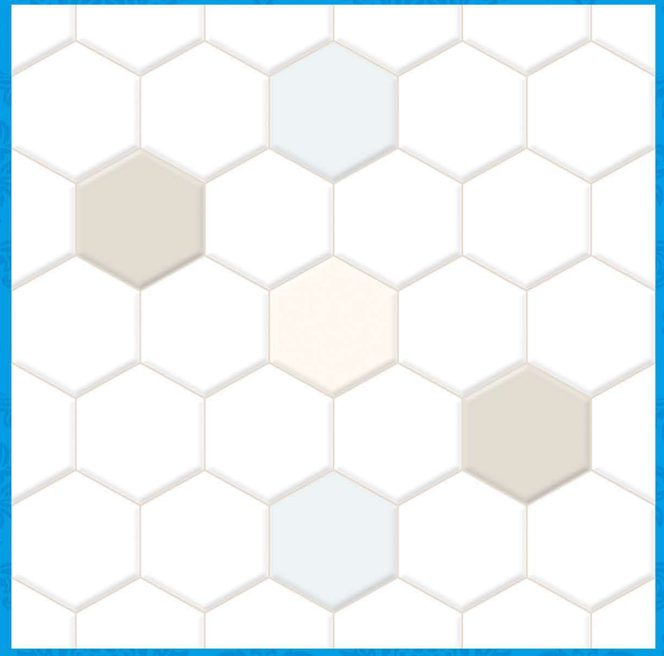
THICKNESS

9 mm



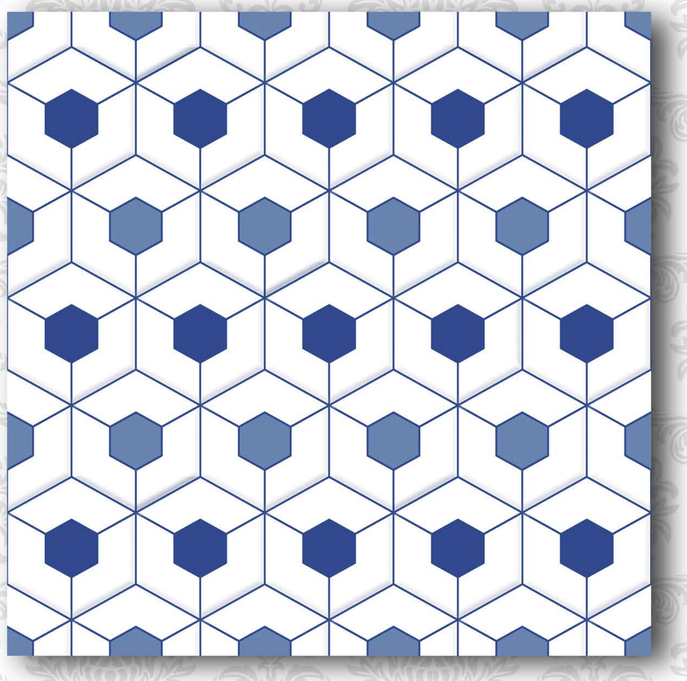




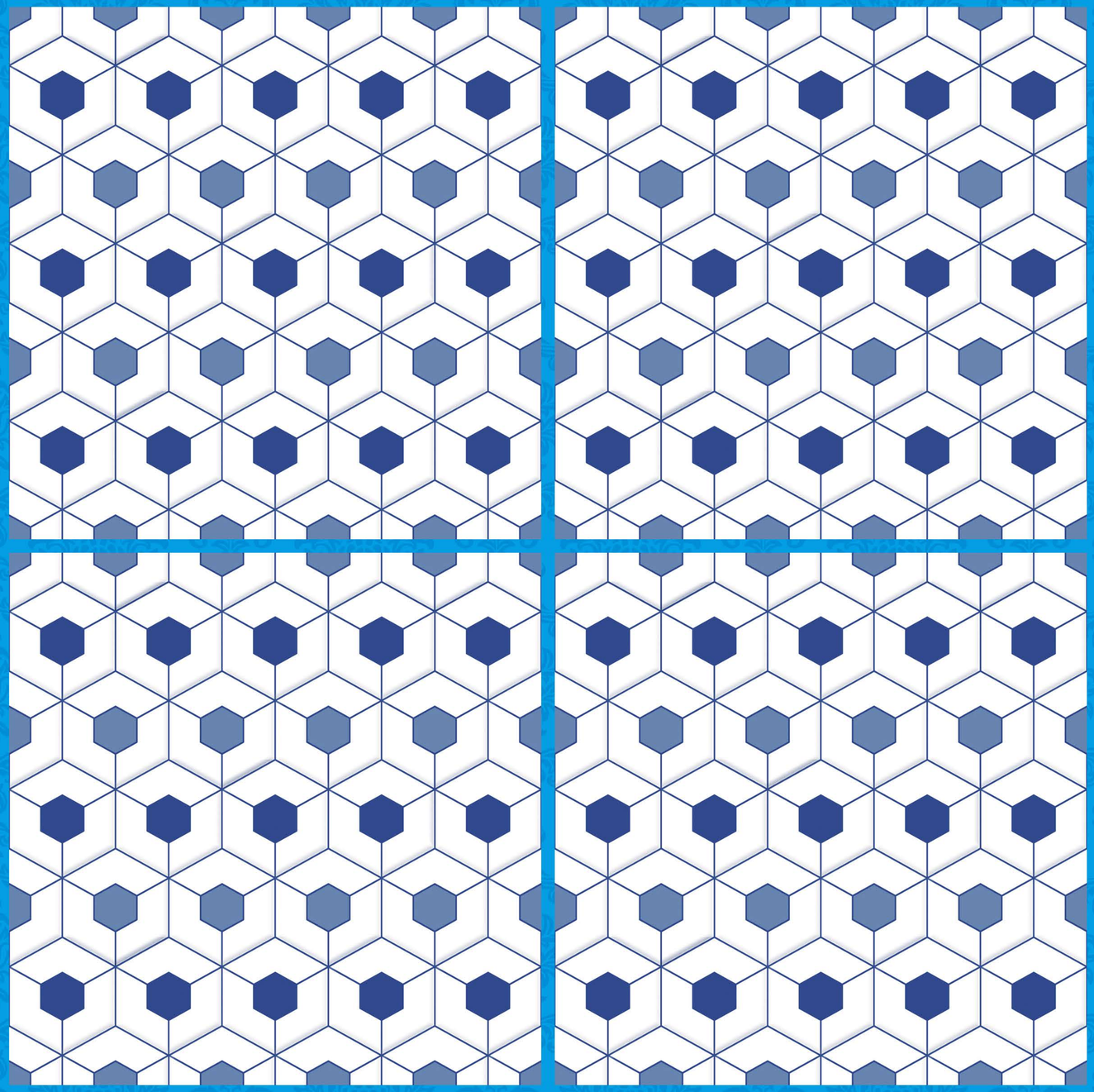


EAGLE
CERAMIC

COOL
ROOF
TILES



EC-HEXA-07



SIZE

300 x
300 mm

THICKNESS

9 mm

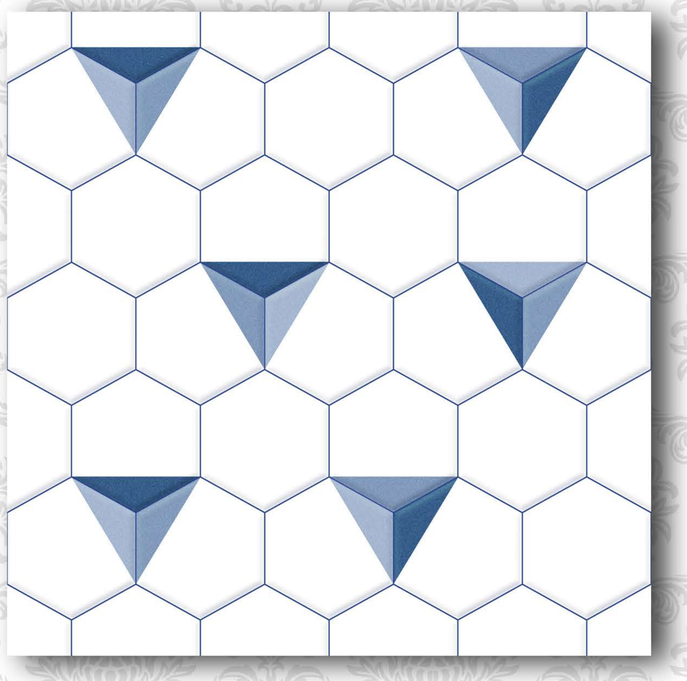
PUNCH FINISH

MATT

SUGAR

EAGLE
CERAMIC

COOL
ROOF
TILES



EC-HEXA-08

SIZE

300 x
300 mm

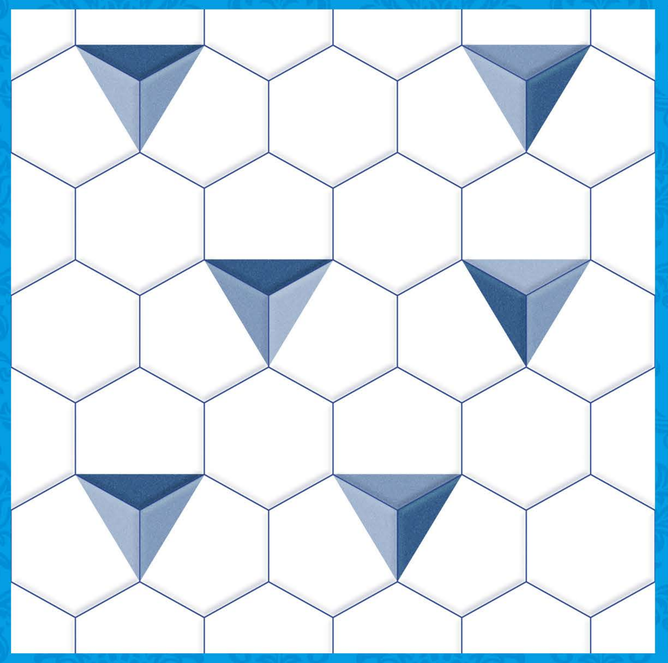
THICKNESS

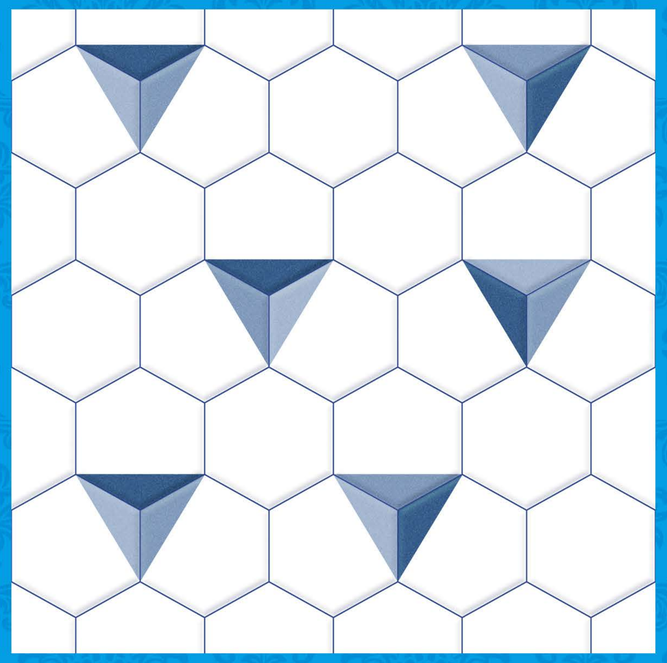
9 mm

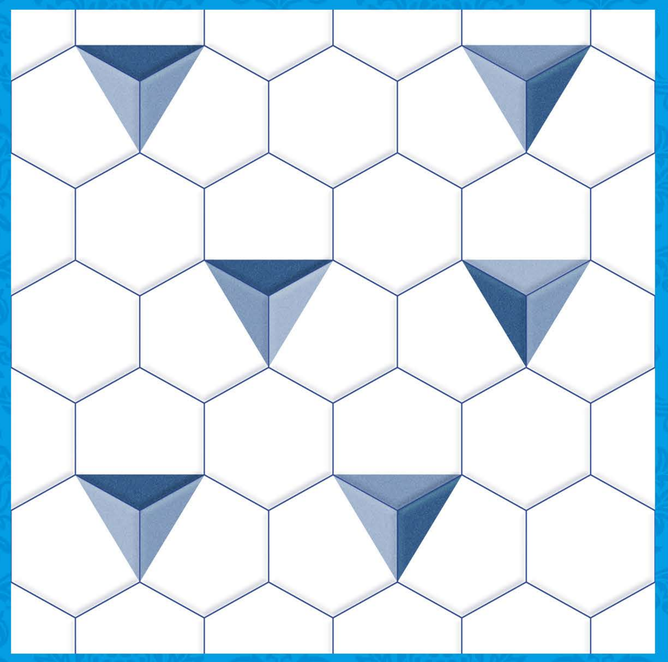
PUNCH FINISH

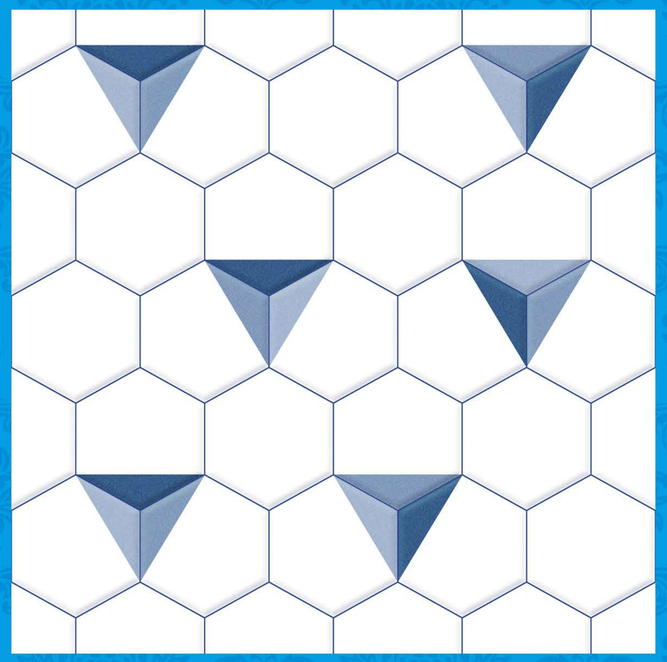
MATT

SUGAR



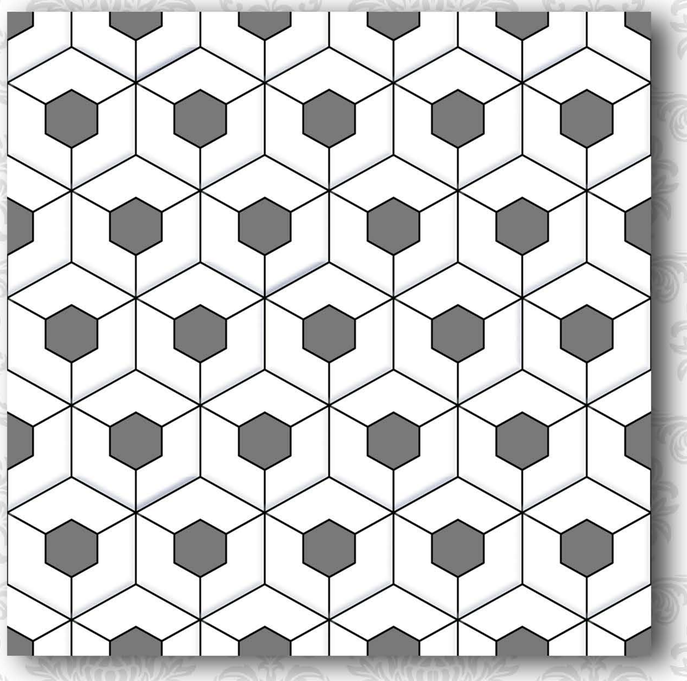




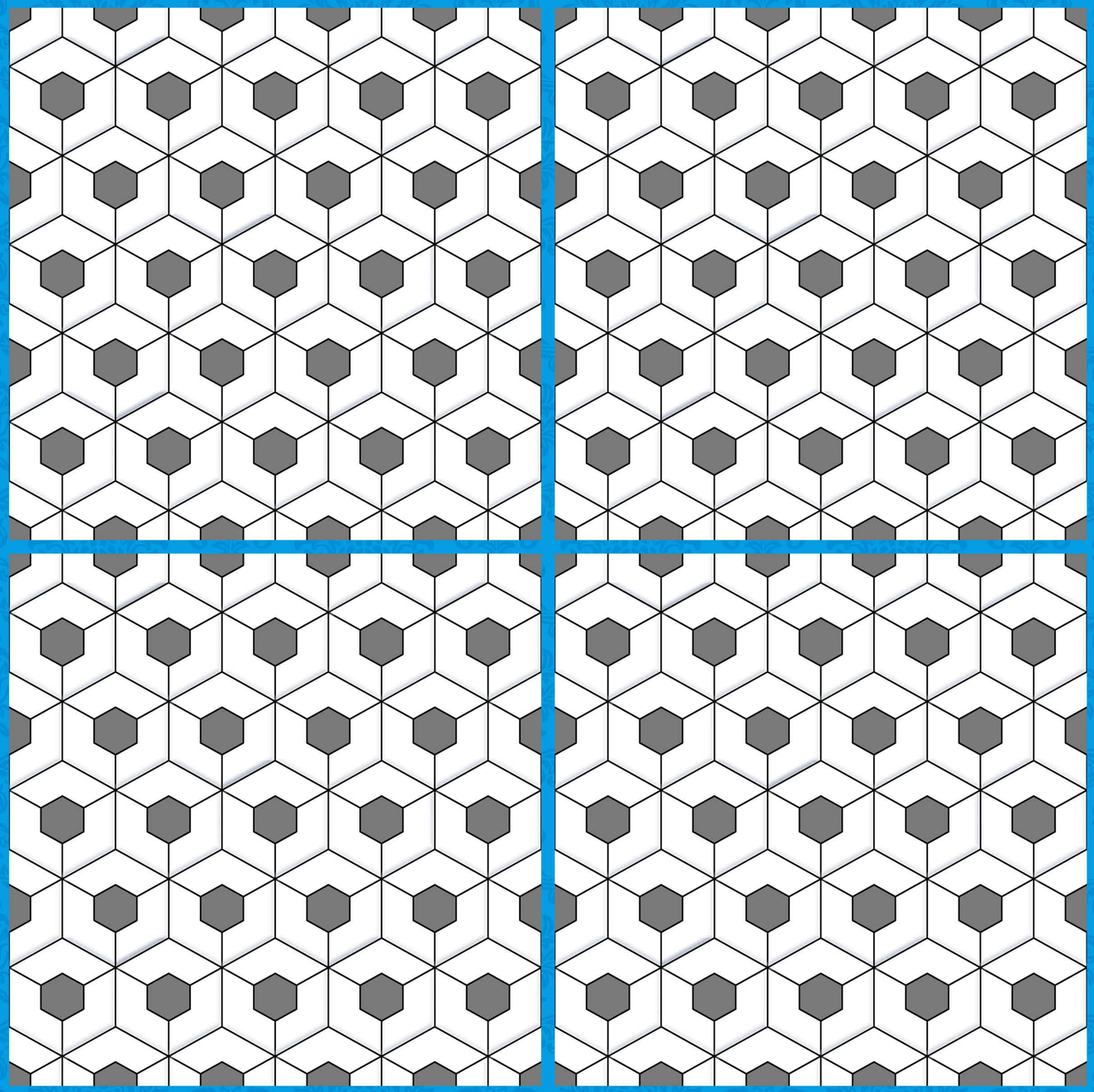


EAGLE
CERAMIC

COOL
ROOF
TILES



EC-HEXA-09



SIZE

300 x
300 mm

PUNCH FINISH

MATT

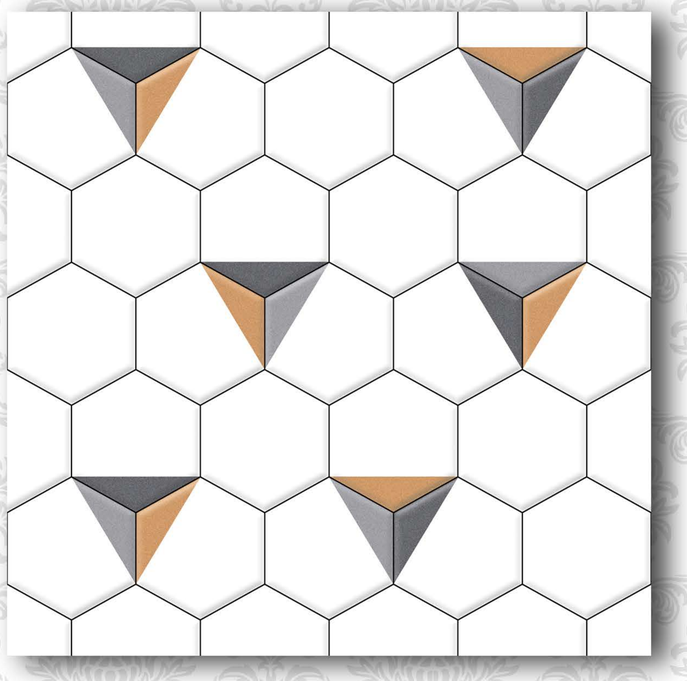
SUGAR

THICKNESS

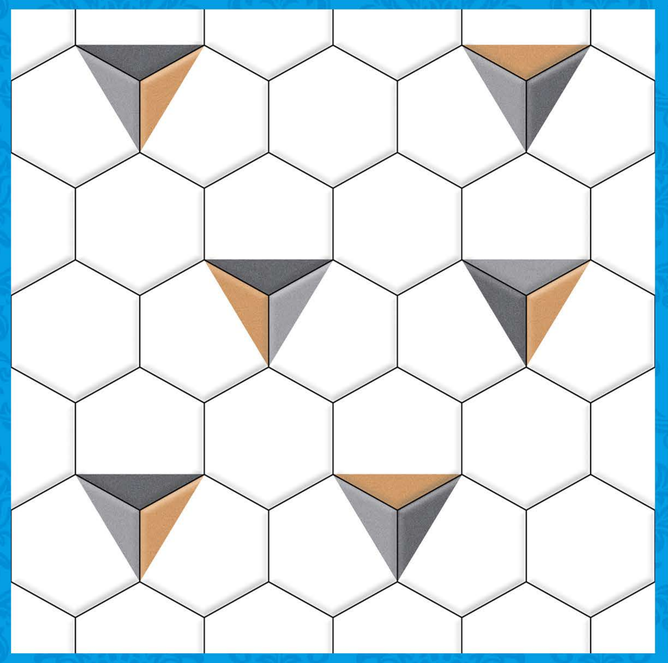
9 mm

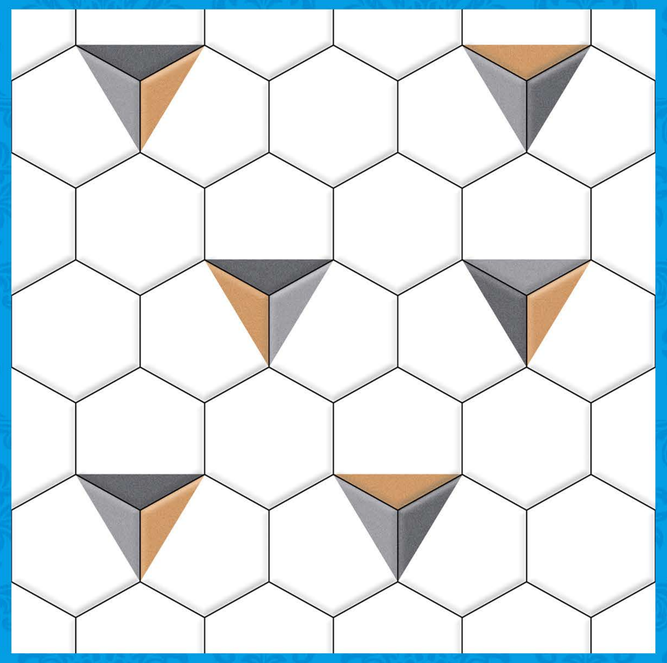
EAGLE
CERAMIC

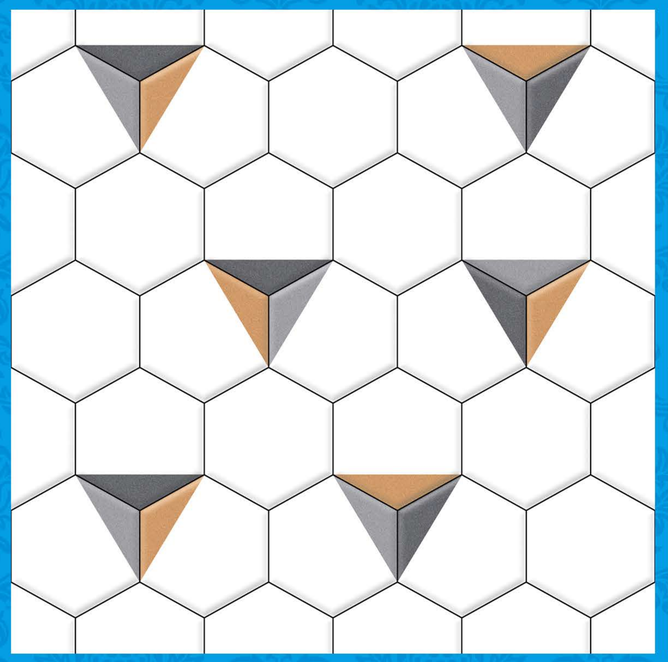
COOL
ROOF
TILES

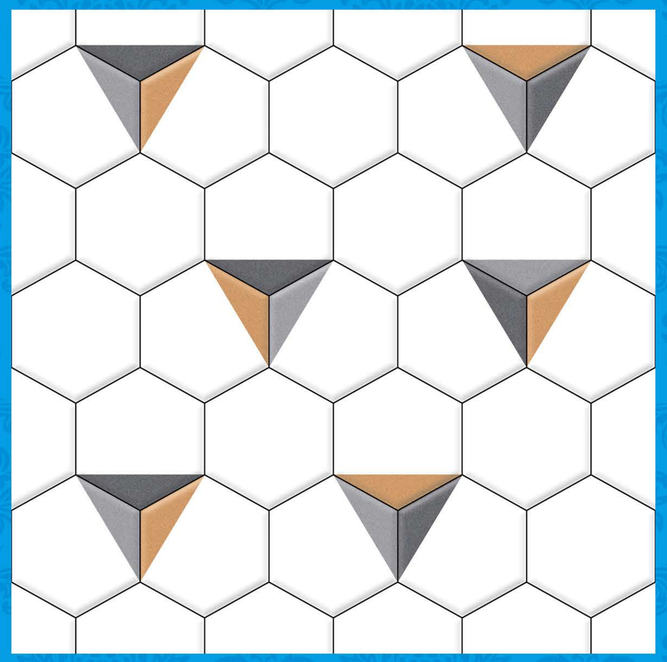


EC-HEXA-11









SIZE

300 x
300 mm

PUNCH FINISH

MATT

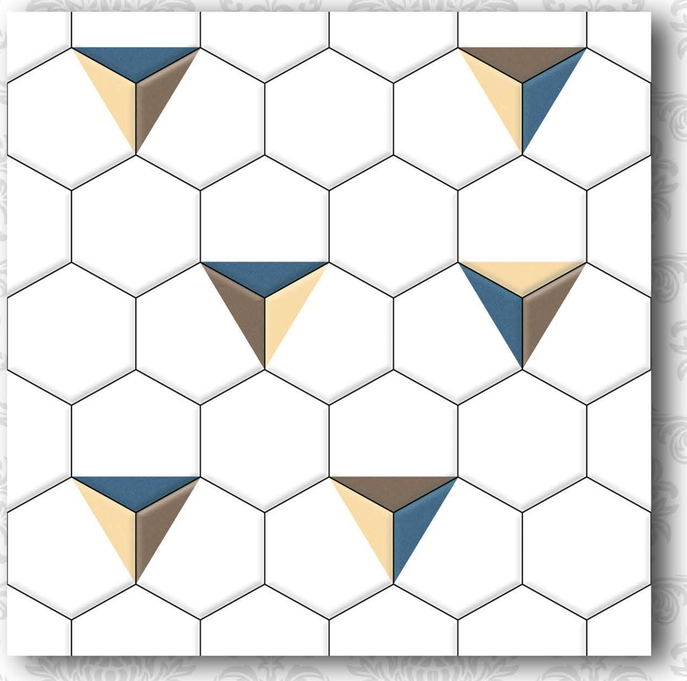
SUGAR

THICKNESS

9 mm

EAGLE
CERAMIC

COOL
ROOF
TILES



EC-HEXA-12

SIZE

300 x
300 mm

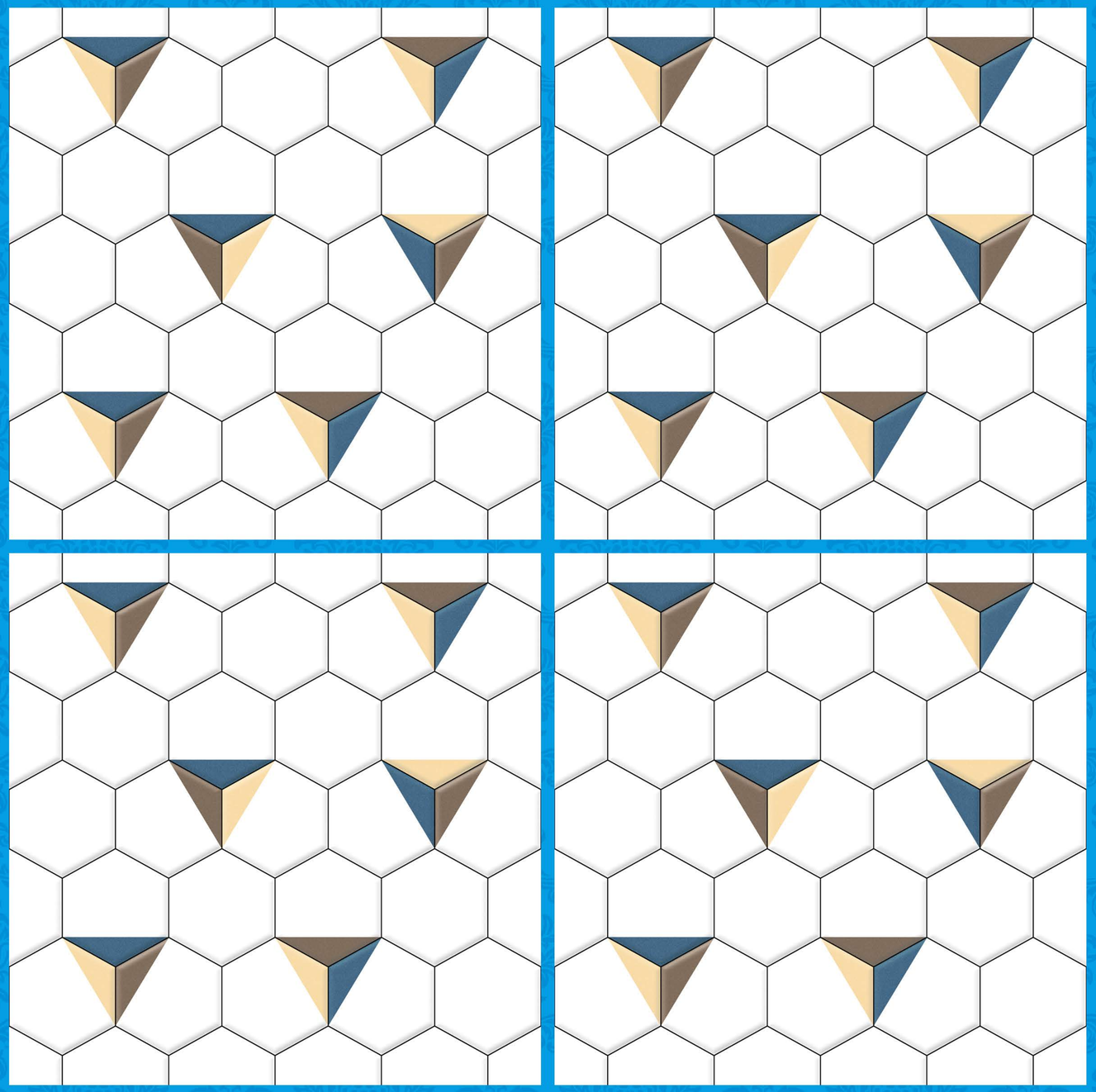
THICKNESS

9 mm

PUNCH FINISH

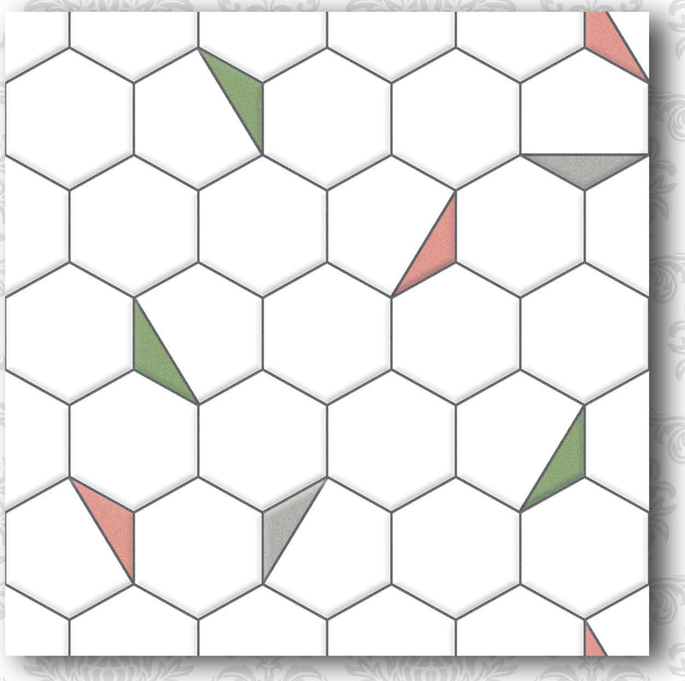
MATT

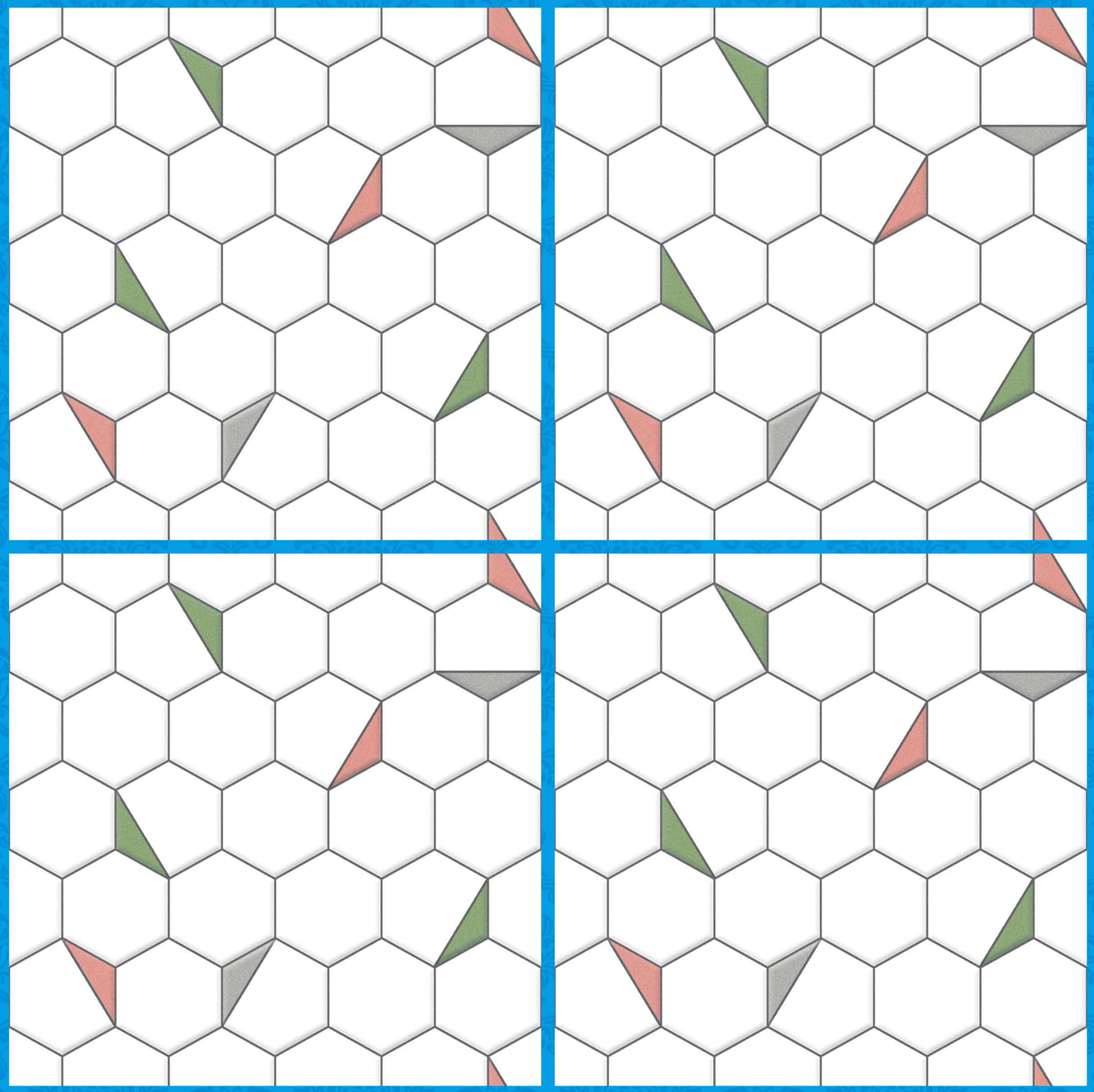
SUGAR



EAGLE
CERAMIC

COOL
ROOF
TILES





EC-HEXA-13

SIZE

300 x
300 mm

THICKNESS

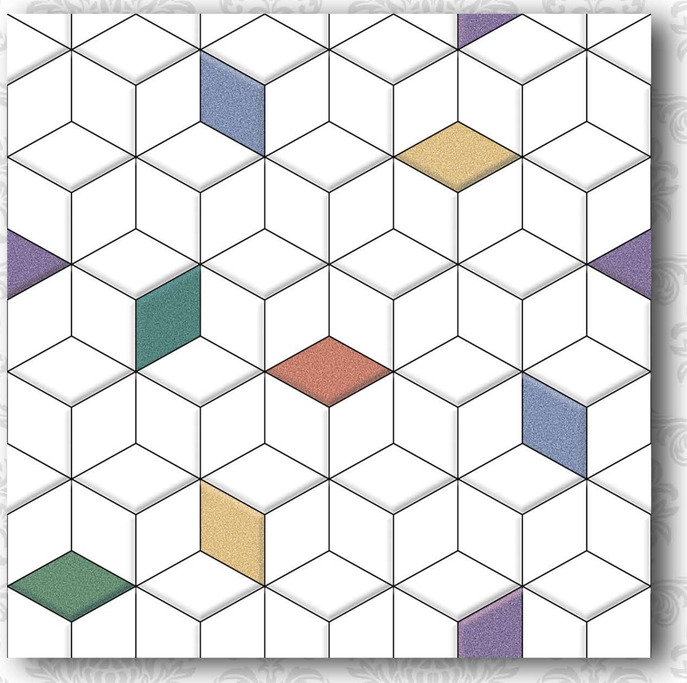
9 mm

PUNCH FINISH

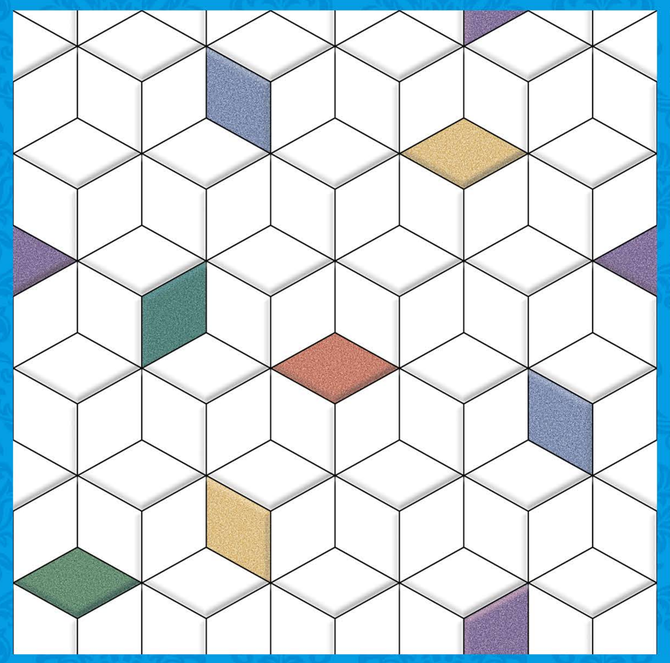
MATT
SUGAR

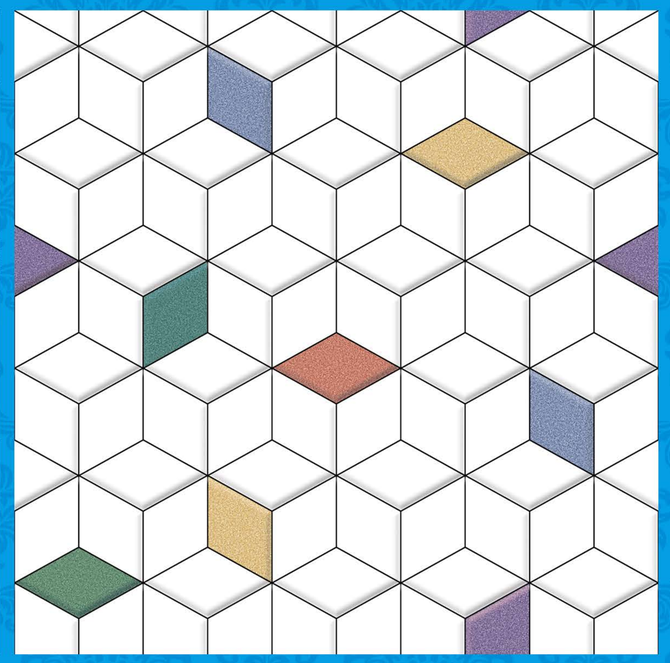
EAGLE
CERAMIC

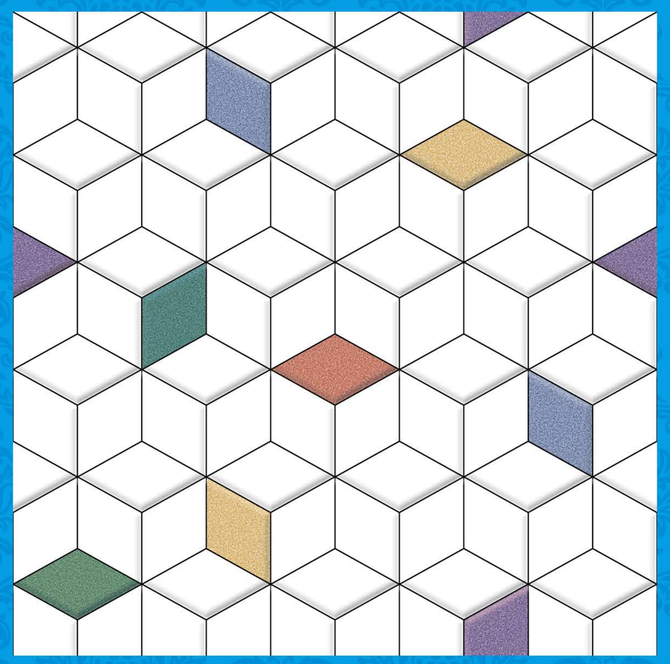
COOL
ROOF
TILES

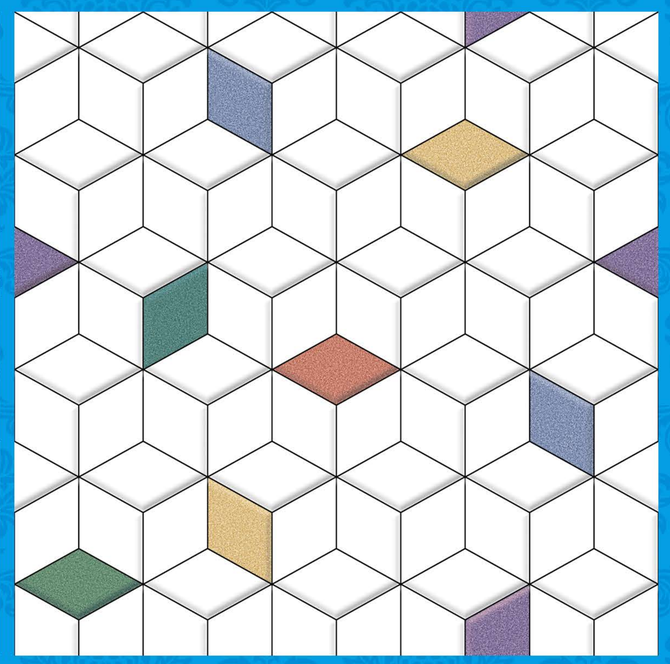


EC-HEXA-14









SIZE

300 x
300 mm

PUNCH FINISH

MATT

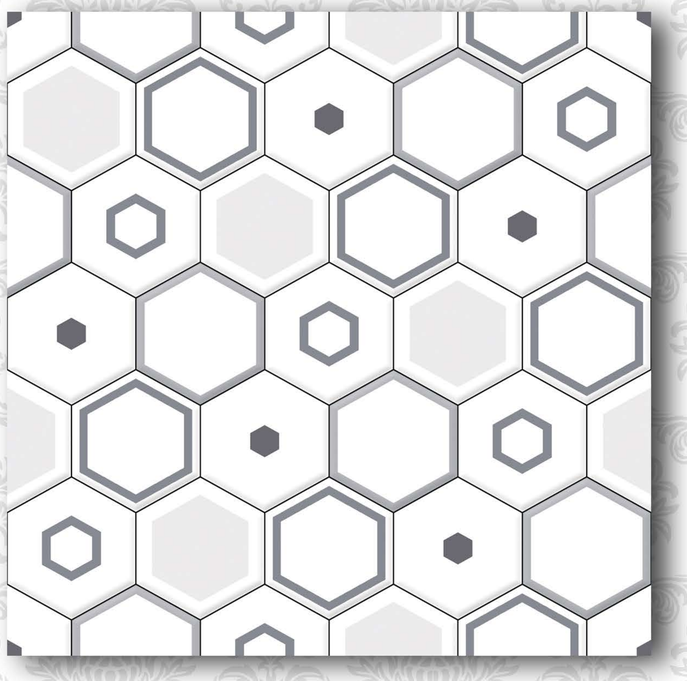
SUGAR

THICKNESS

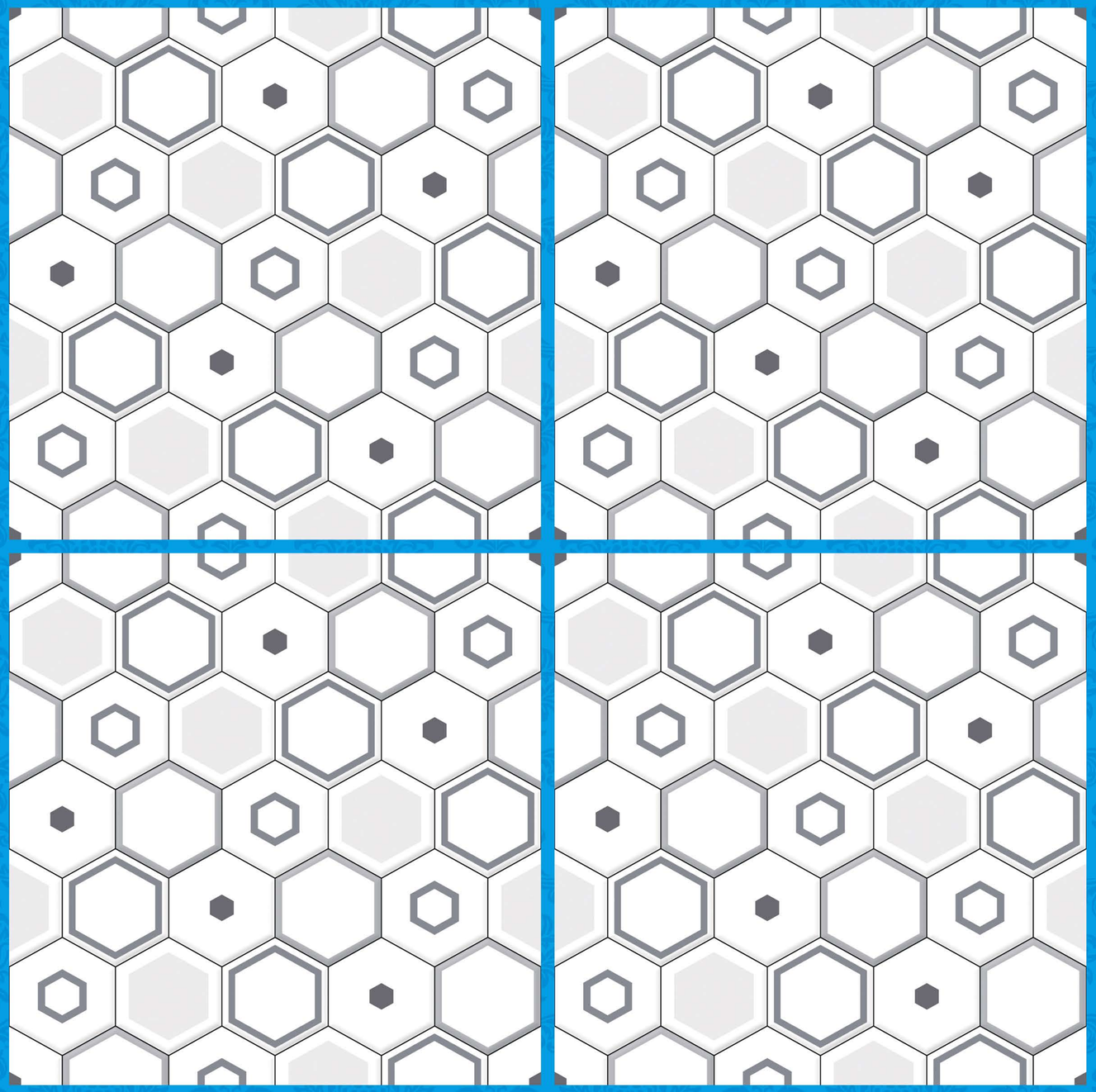
9 mm

EAGLE
CERAMIC

COOL
ROOF
TILES



EC-HEXA-15



SIZE

300 x
300 mm

PUNCH FINISH

MATT

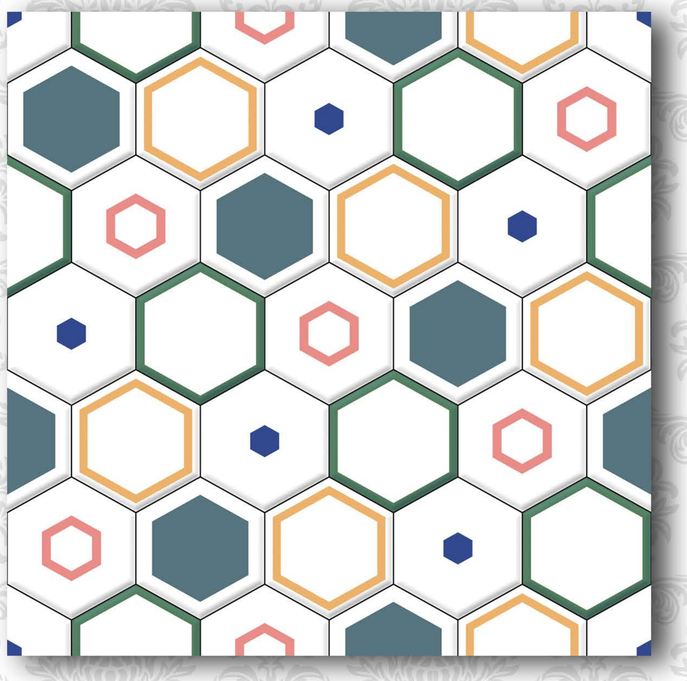
SUGAR

THICKNESS

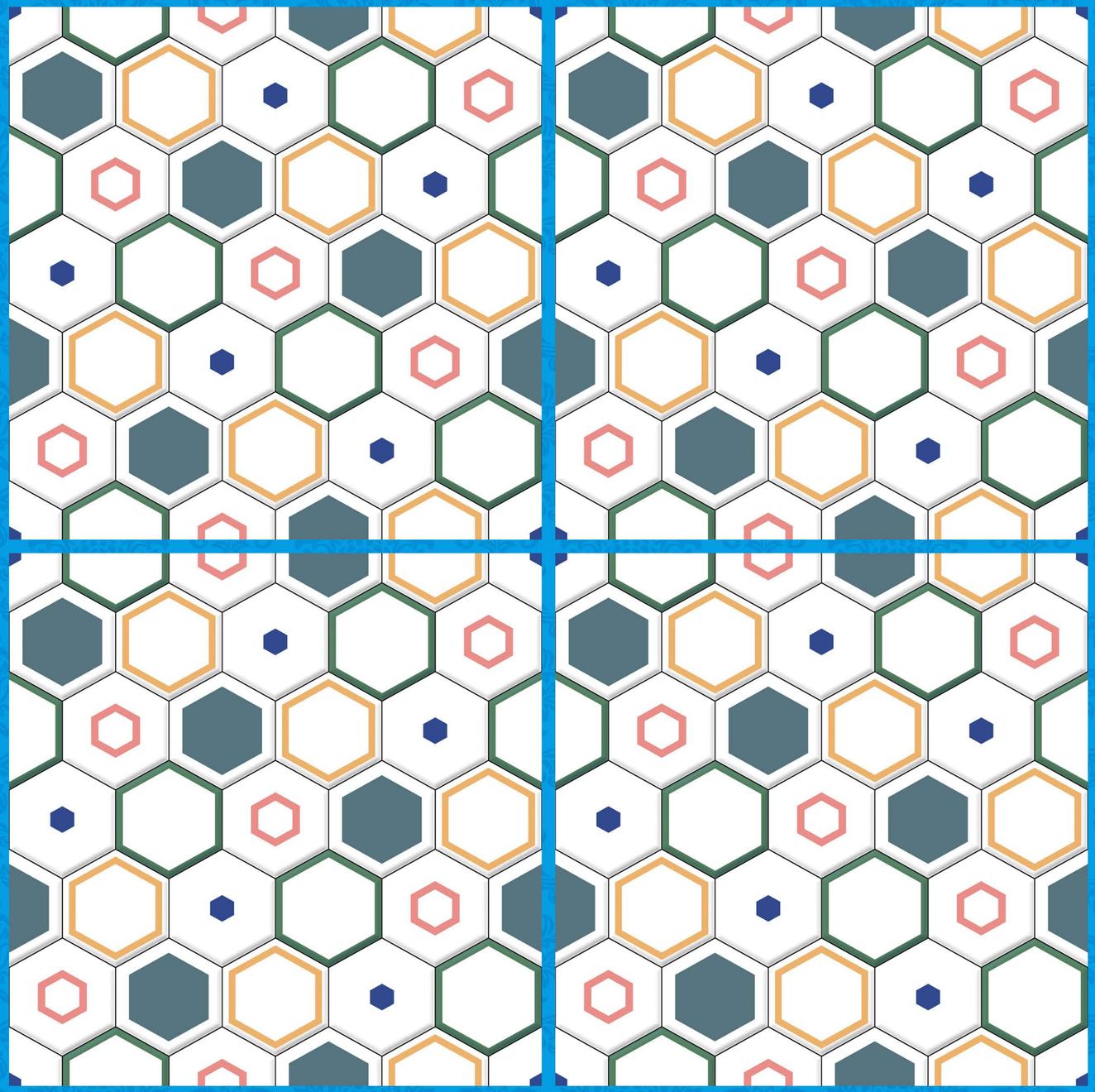
9 mm

EAGLE
CERAMIC

COOL
ROOF
TILES



EC-HEXA-16



SIZE

300 x
300 mm

PUNCH FINISH

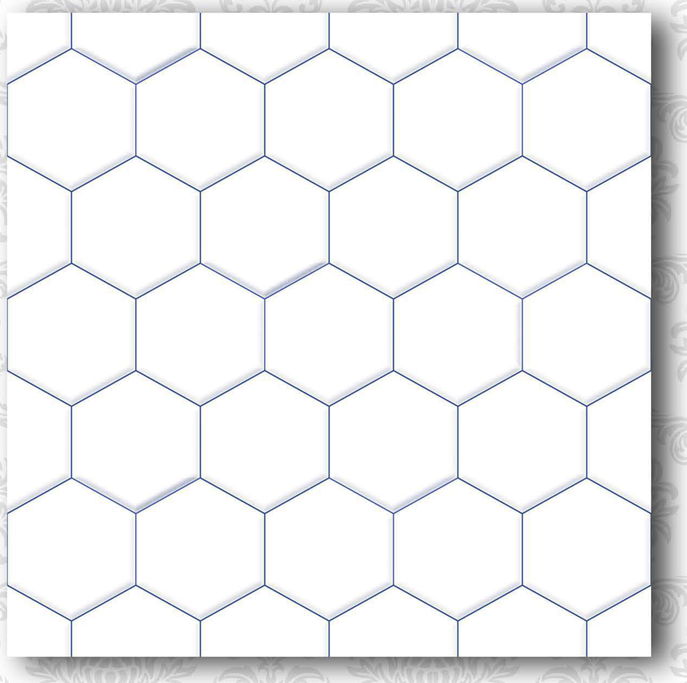
MATT
SUGAR

THICKNESS

9 mm

EAGLE
CERAMIC

COOL
ROOF
TILES



EC-HEXA-17

SIZE

300 x
300 mm

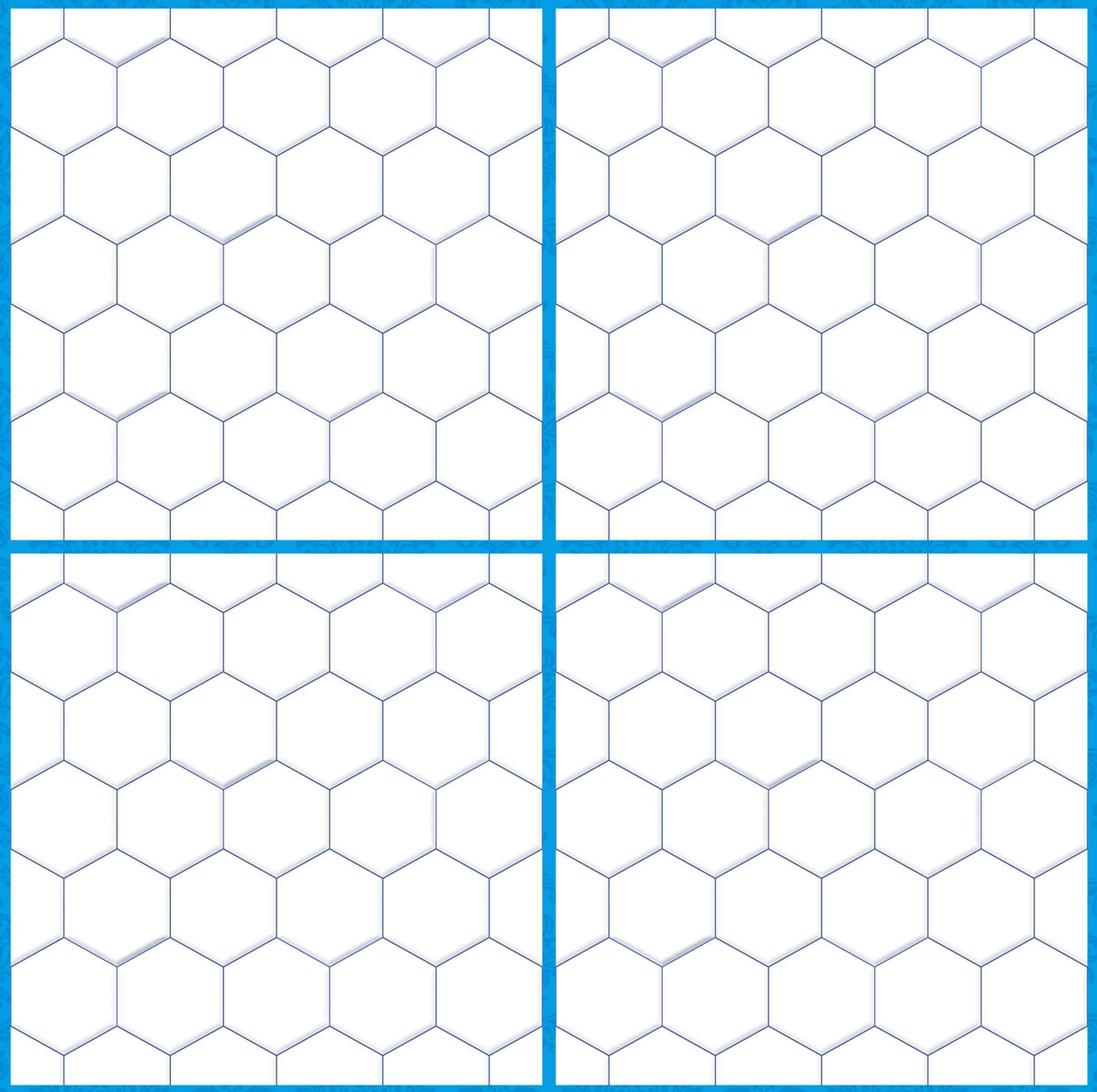
THICKNESS

9 mm

PUNCH FINISH

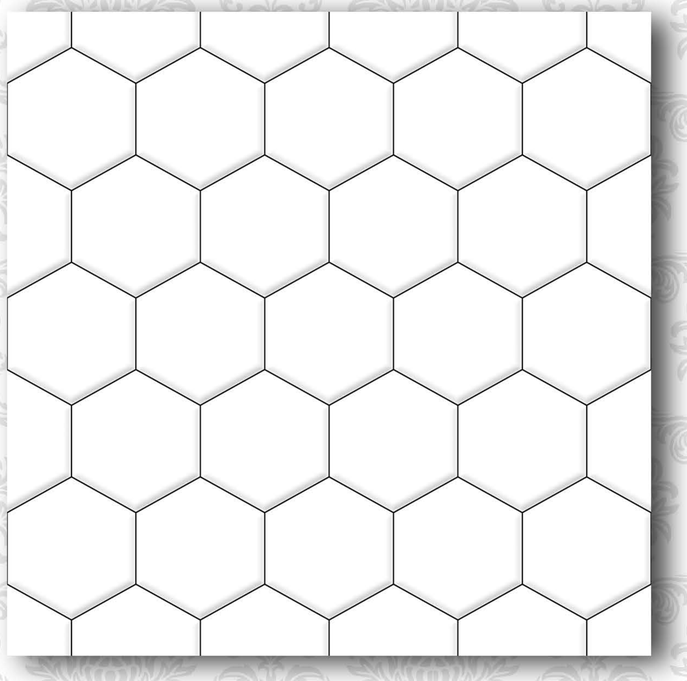
MATT

SUGAR

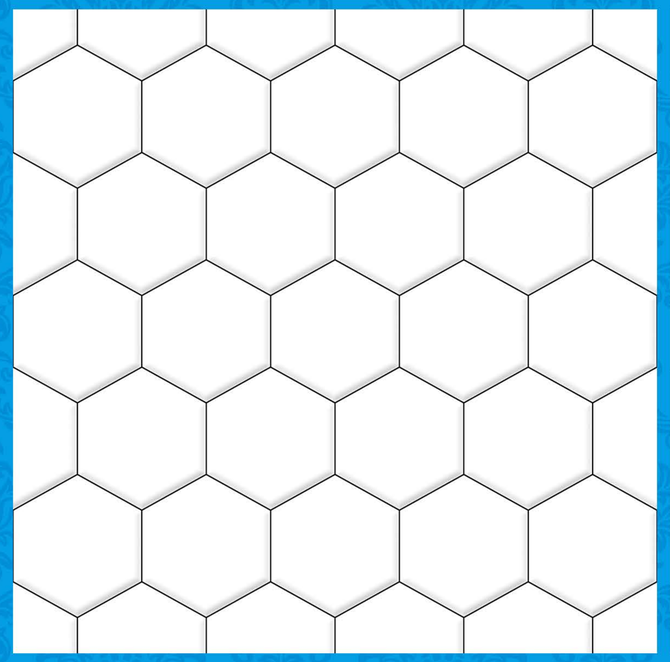


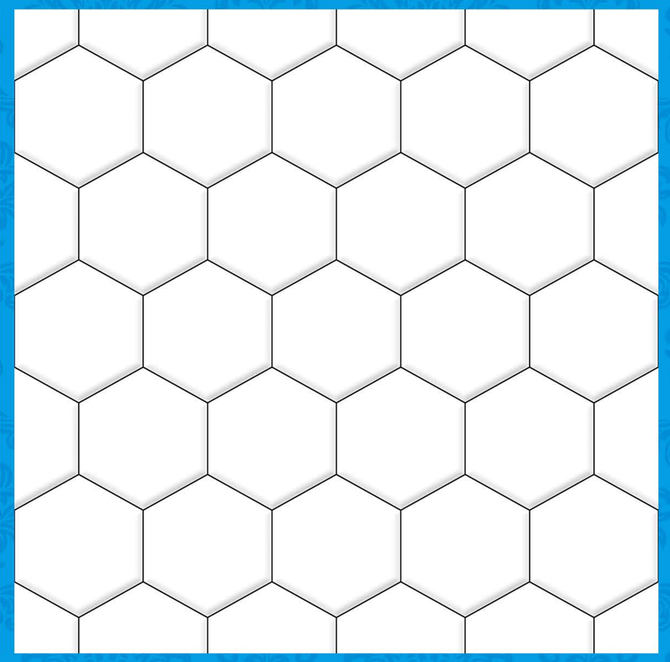
EAGLE
CERAMIC

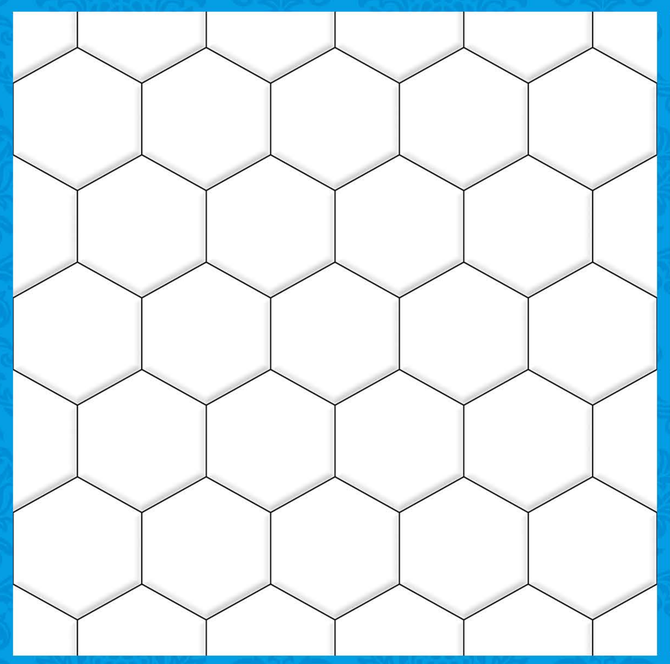
COOL
ROOF
TILES

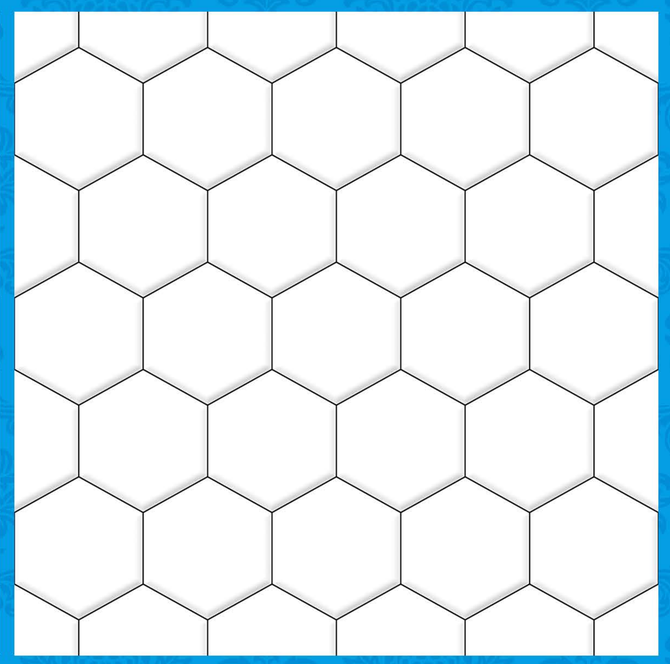


EC-HEXA-18









SIZE

300 x
300 mm

THICKNESS

9 mm

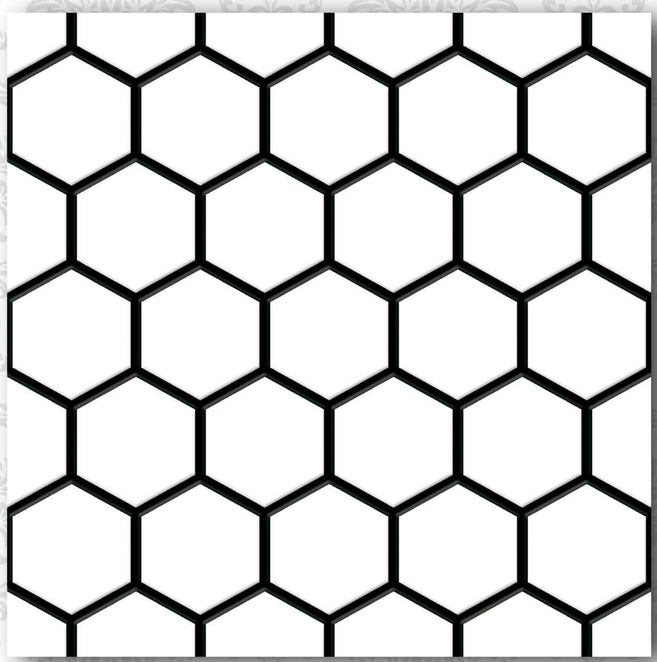
PUNCH FINISH

MATT

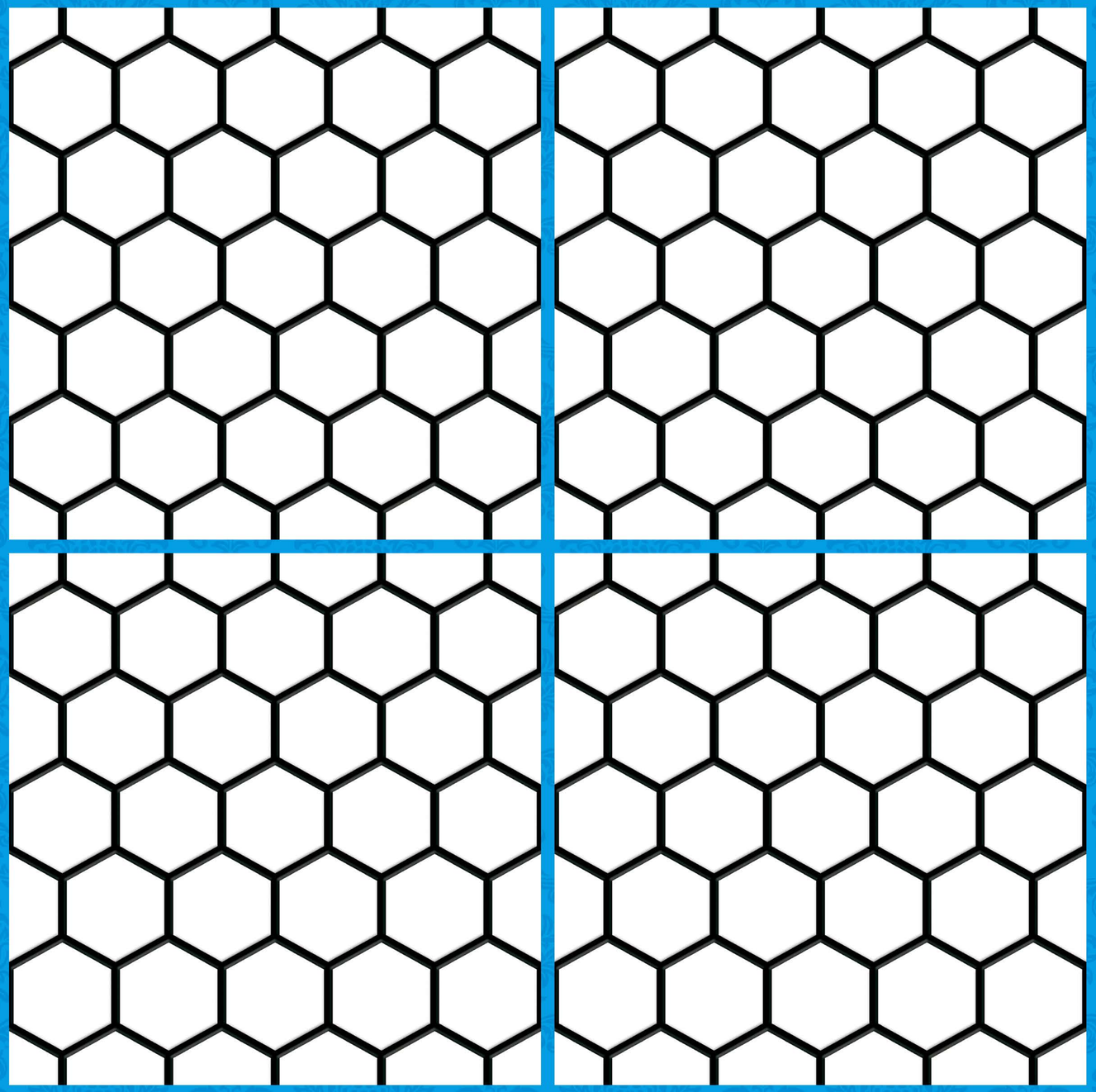
SUGAR

EAGLE
CERAMIC

COOL
ROOF
TILES



EC-HEXA-19



SIZE

300 x
300 mm

PUNCH FINISH

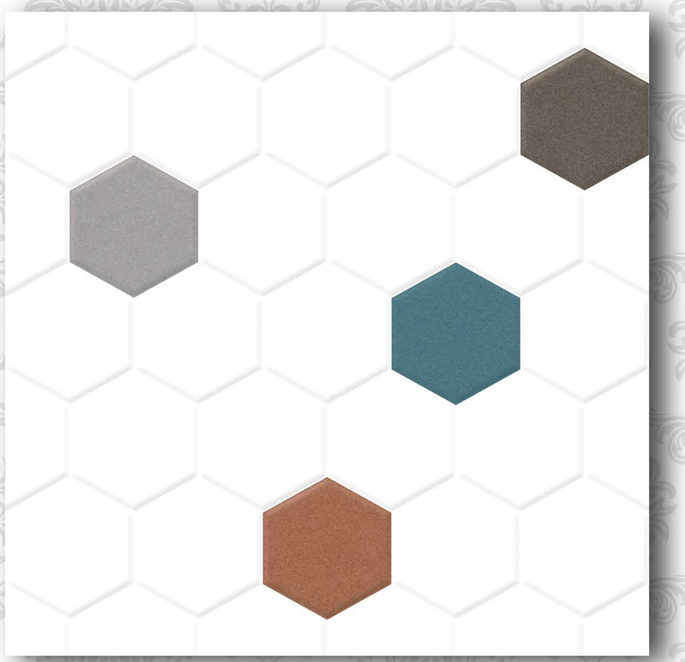
MATT
SUGAR

THICKNESS

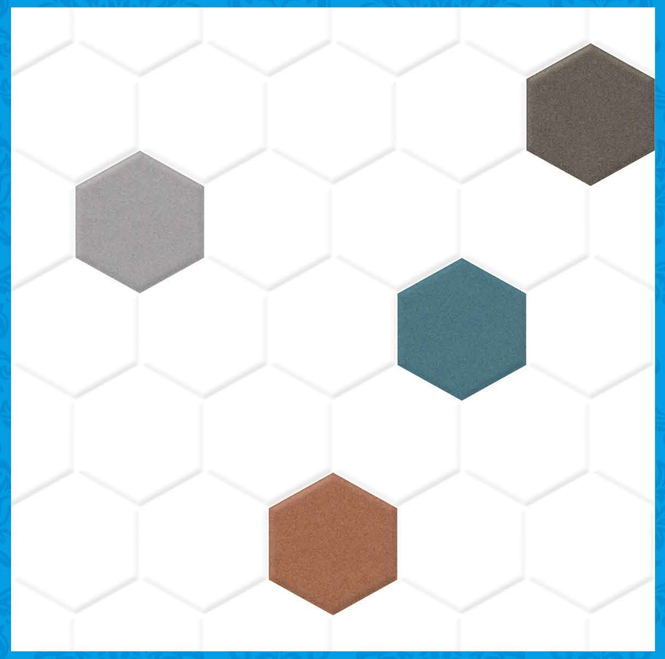
9 mm

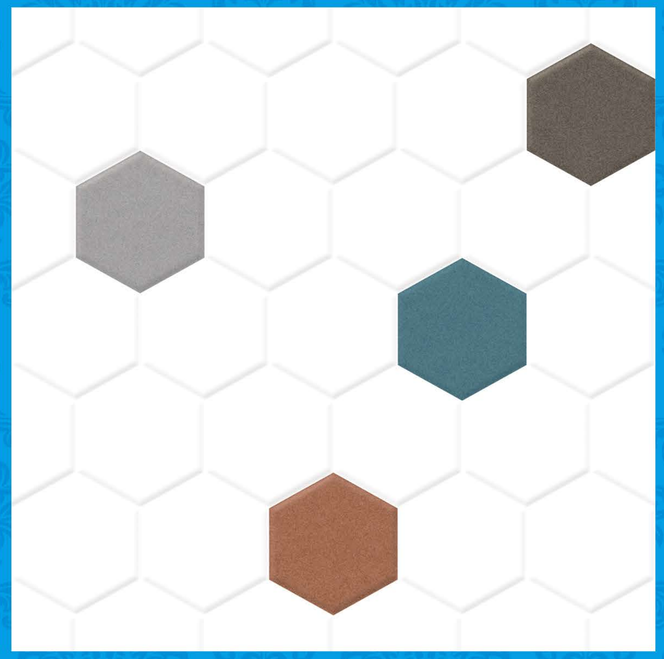
EAGLE
CERAMIC

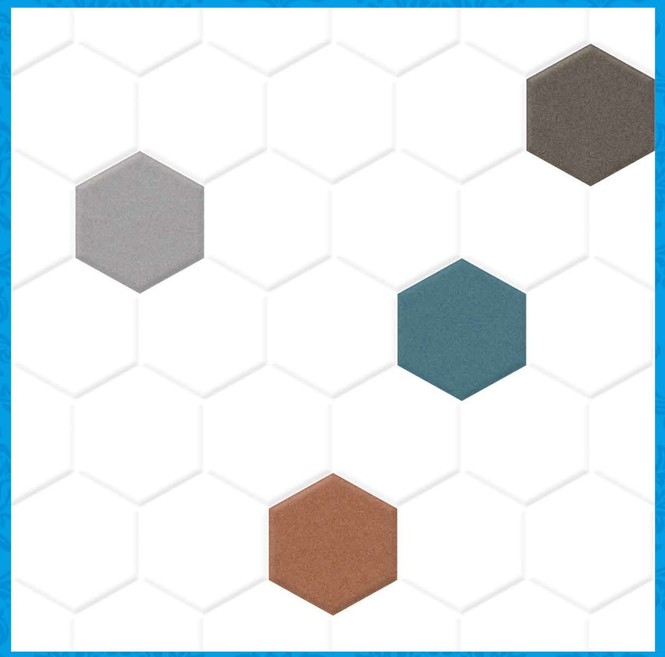
COOL
ROOF
TILES

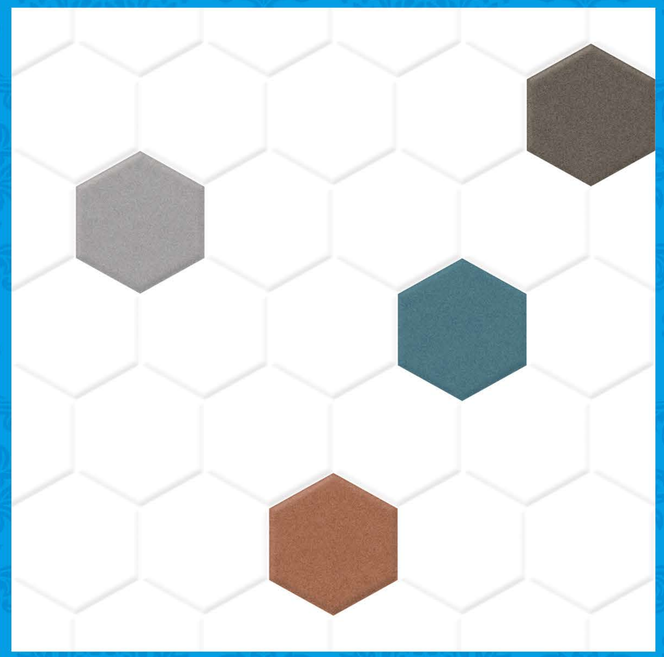


EC-HEXA-20









SIZE

300 x
300 mm

PUNCH FINISH

MATT

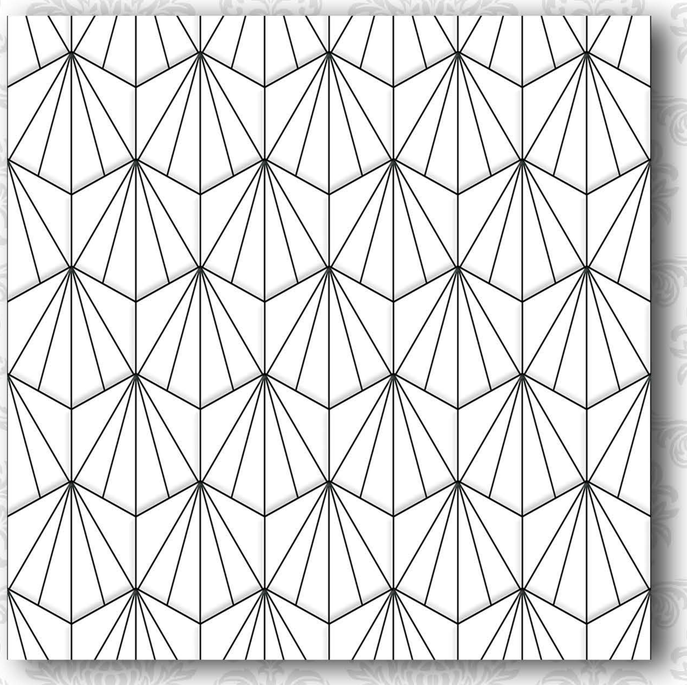
SUGAR

THICKNESS

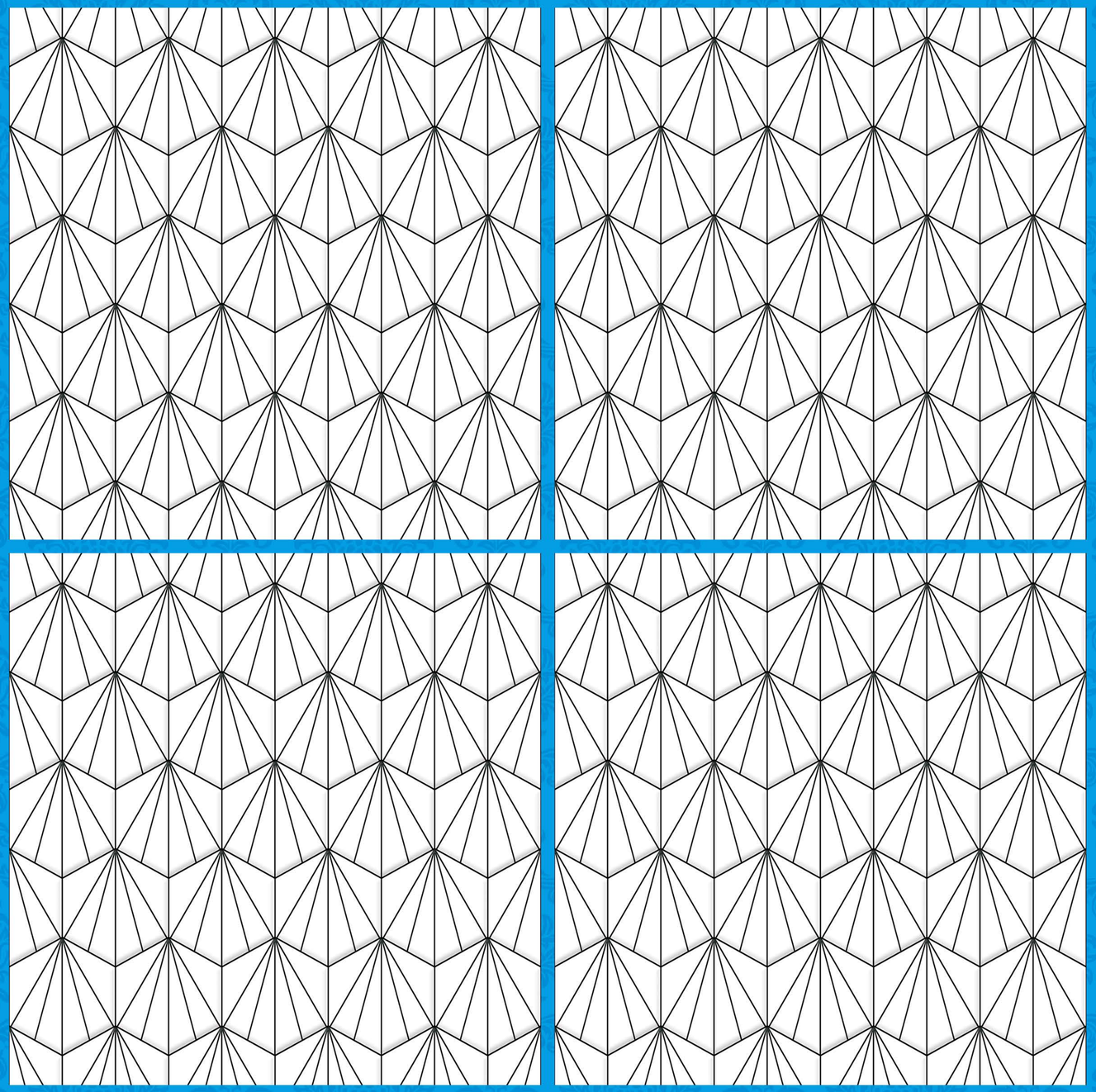
9 mm

EAGLE
CERAMIC

COOL
ROOF
TILES



EC-HEXA-21



SIZE

300 x
300 mm

THICKNESS

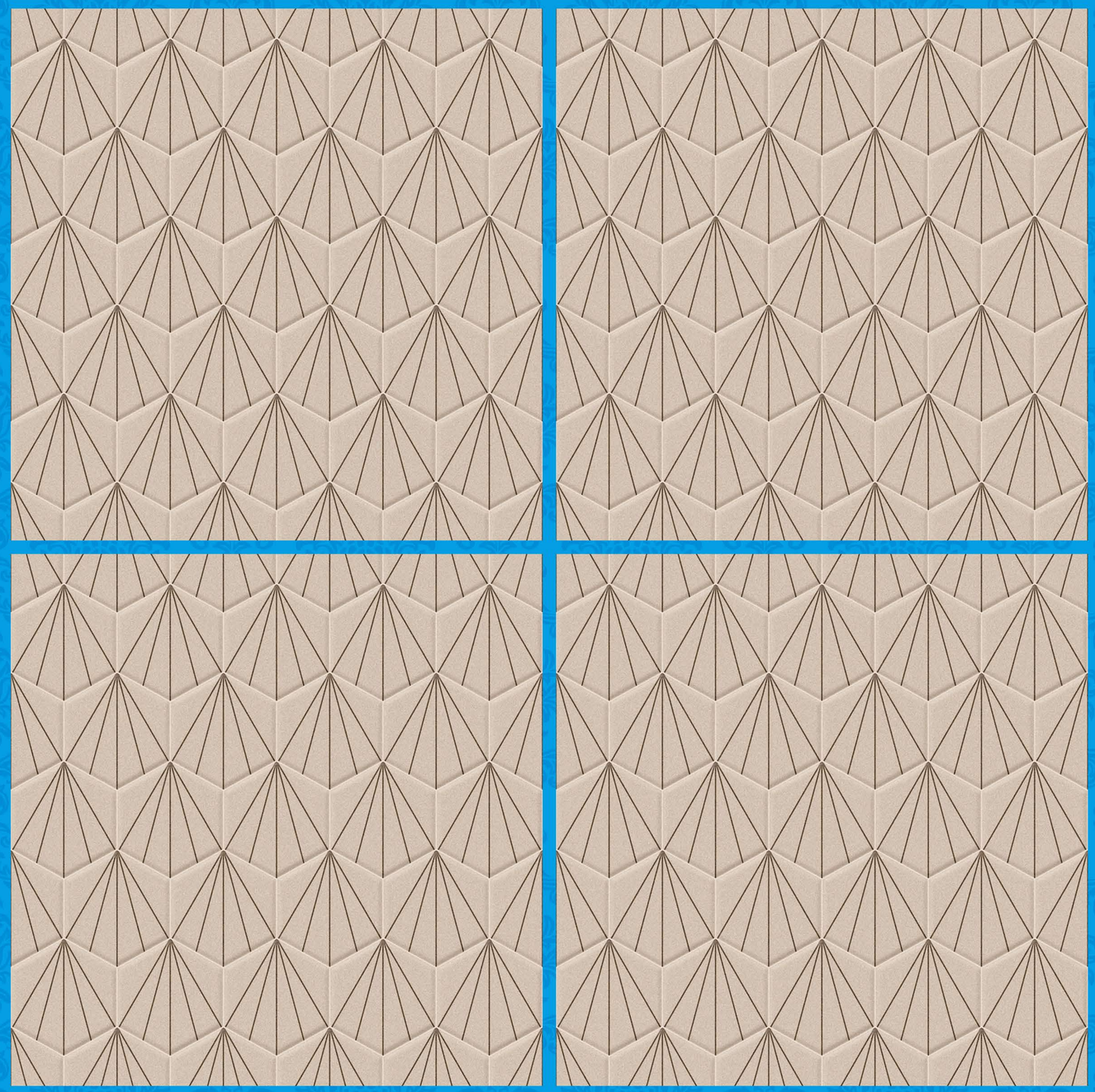
9 mm

PUNCH FINISH

MATT
SUGAR

EAGLE
CERAMIC

COOL
ROOF
TILES



EC-HEXA-22

SIZE

300 x
300 mm

PUNCH FINISH

MATT

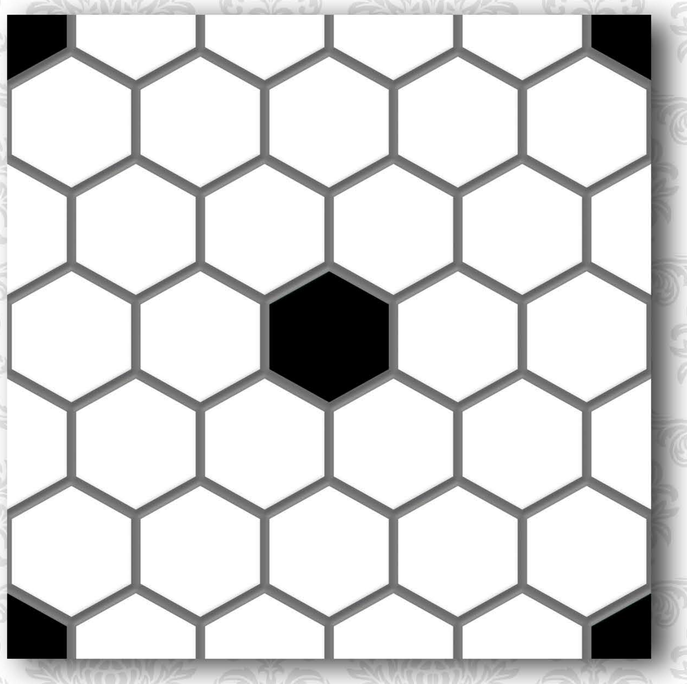
SUGAR

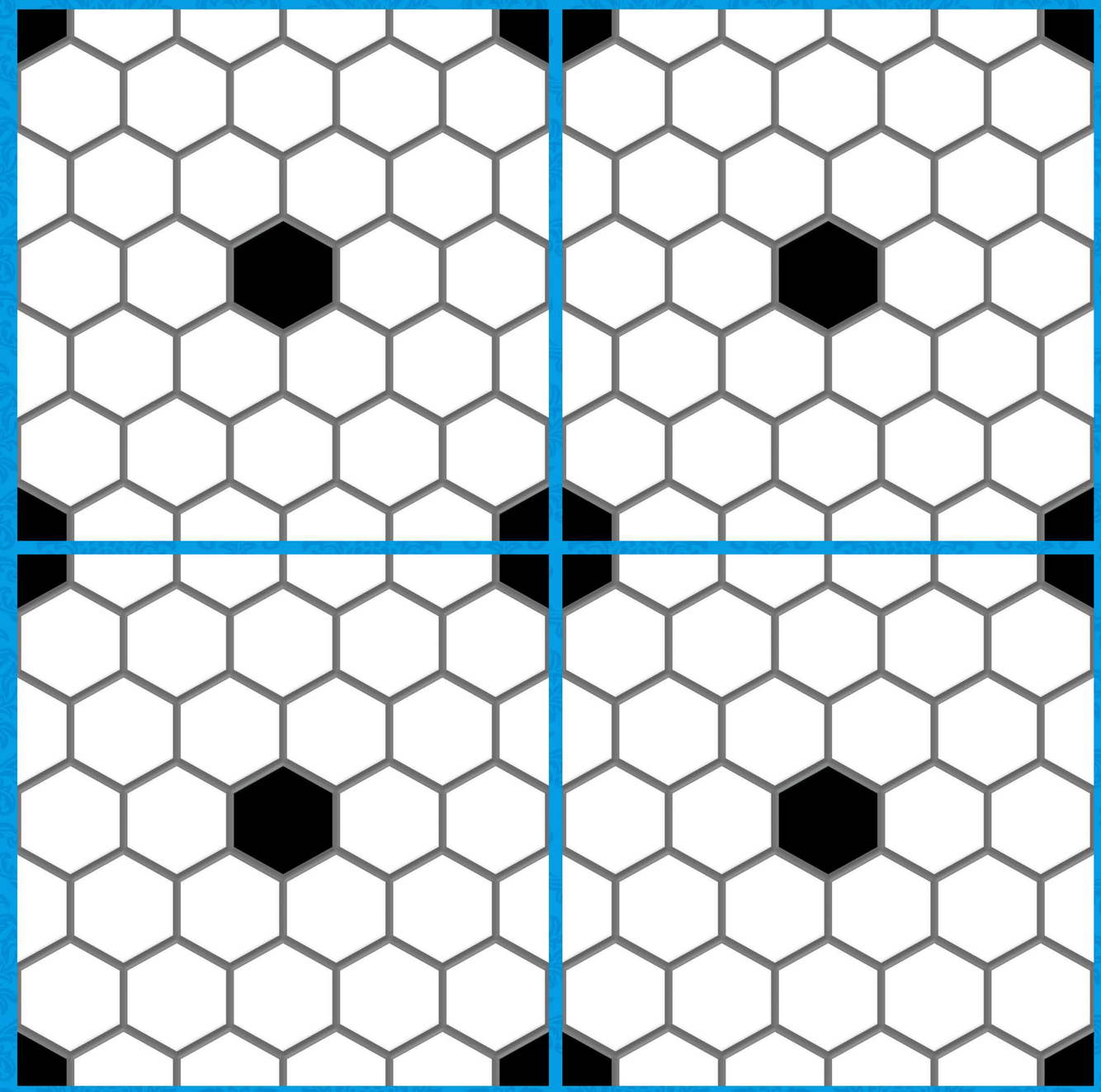
THICKNESS

9 mm

EAGLE
CERAMIC

COOL
ROOF
TILES





EC-HEXA-23

SIZE

300 x
300 mm

PUNCH FINISH

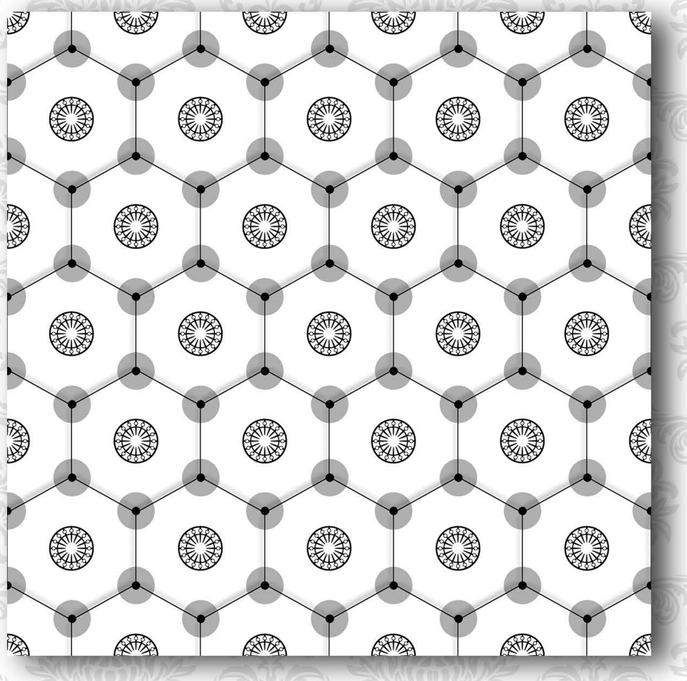
MATT
SUGAR

THICKNESS

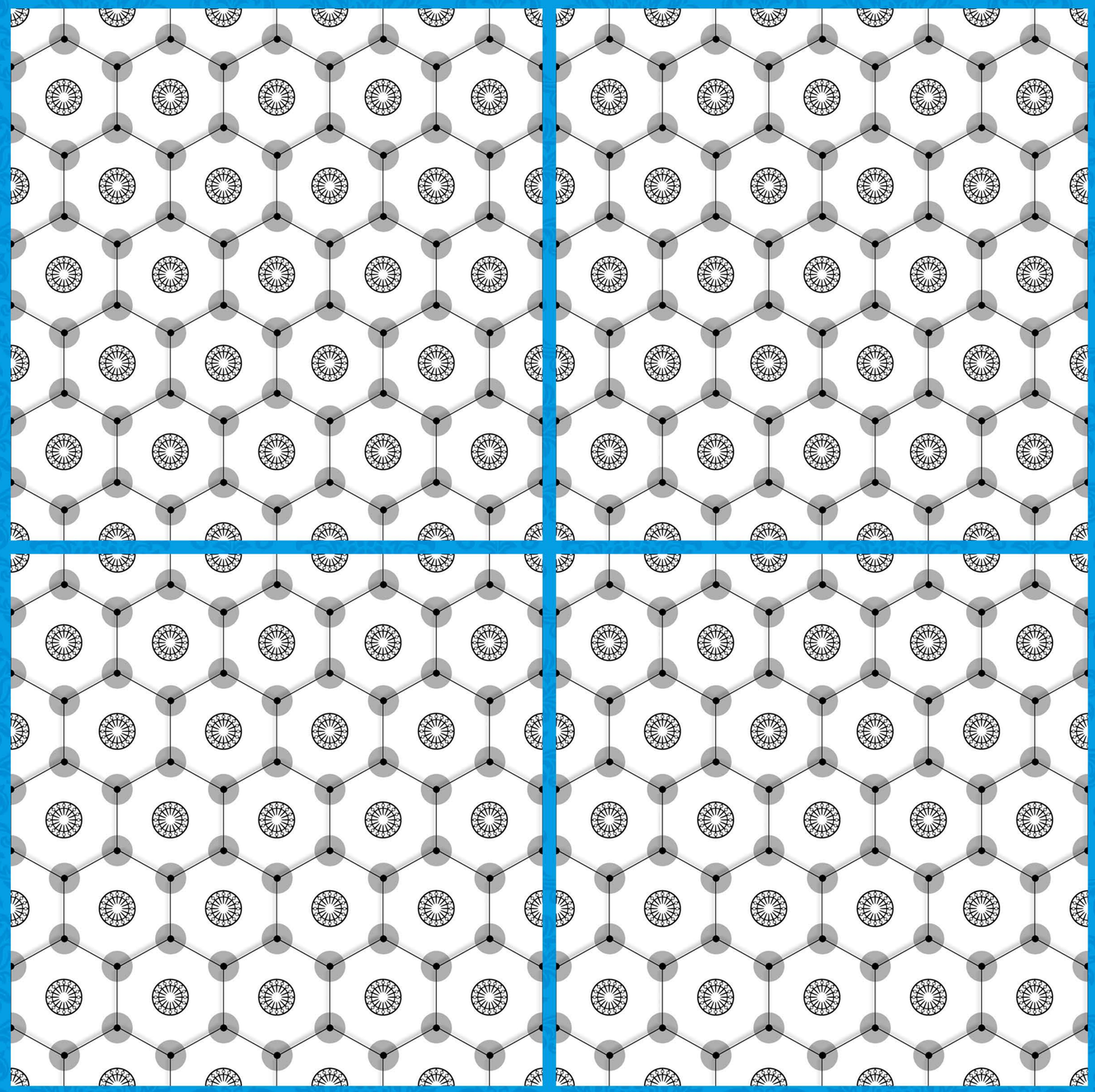
9 mm

EAGLE
CERAMIC

COOL
ROOF
TILES



EC-HEXA-24



SIZE

300 x
300 mm

PUNCH FINISH

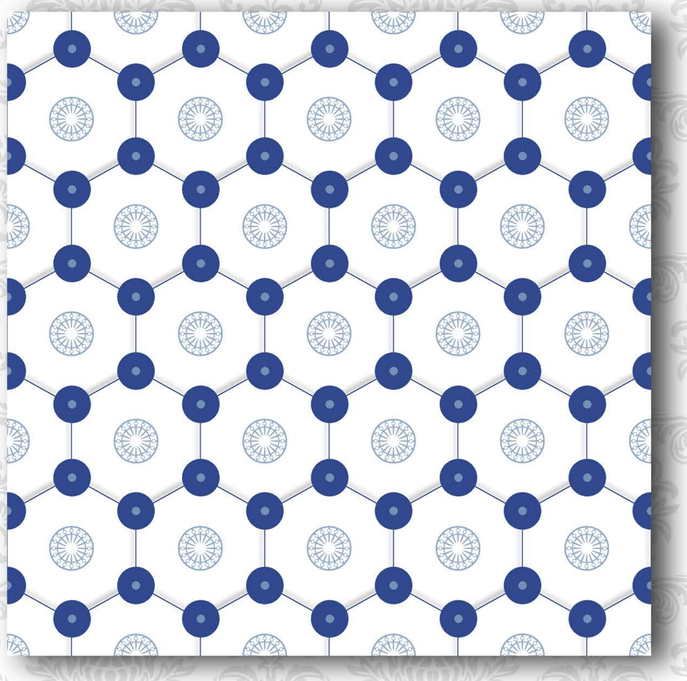
MATT
SUGAR

THICKNESS

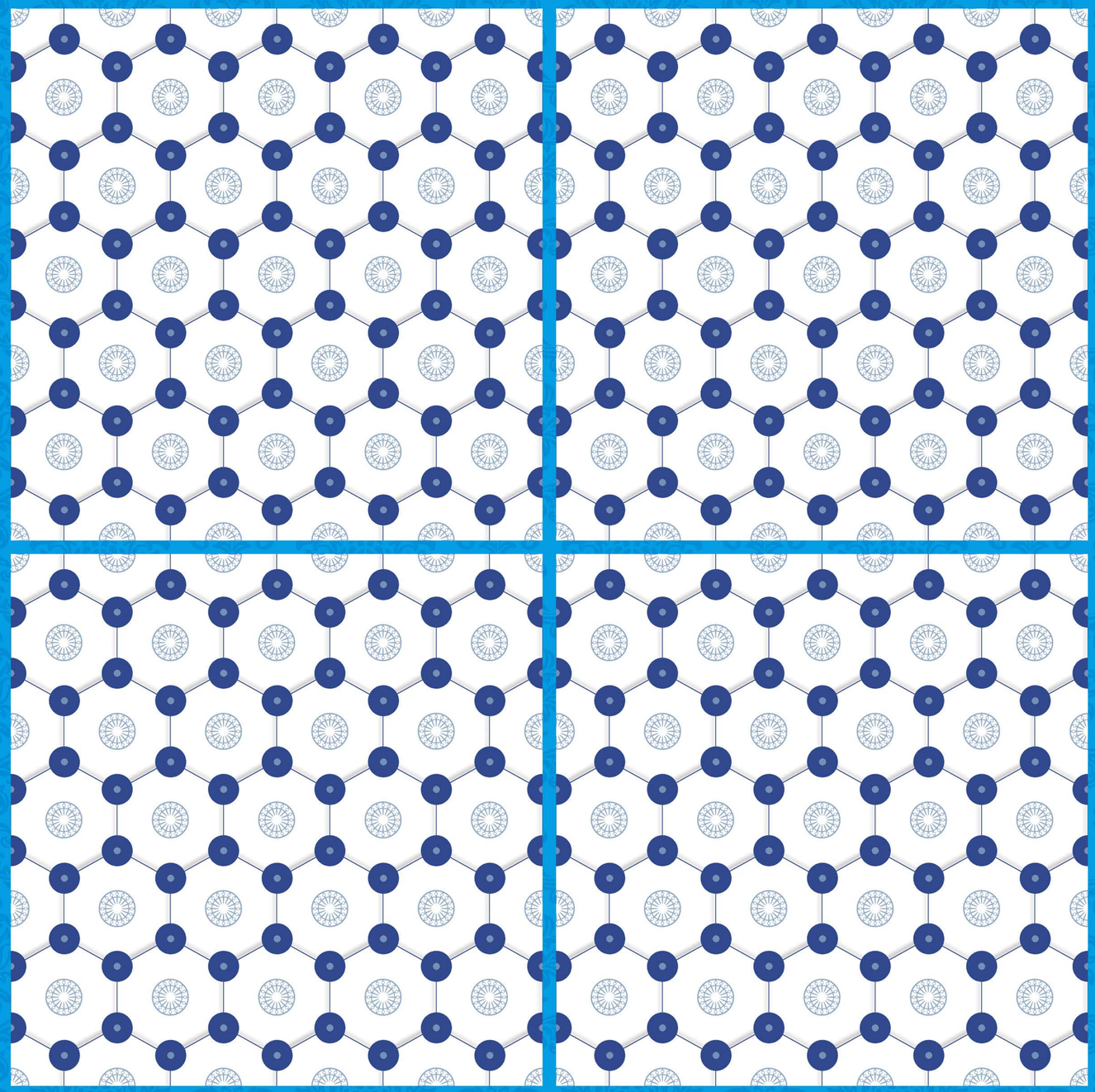
9 mm

EAGLE
CERAMIC

COOL
ROOF
TILES



EC-HEXA-25



SIZE

300 x
300 mm

PUNCH FINISH

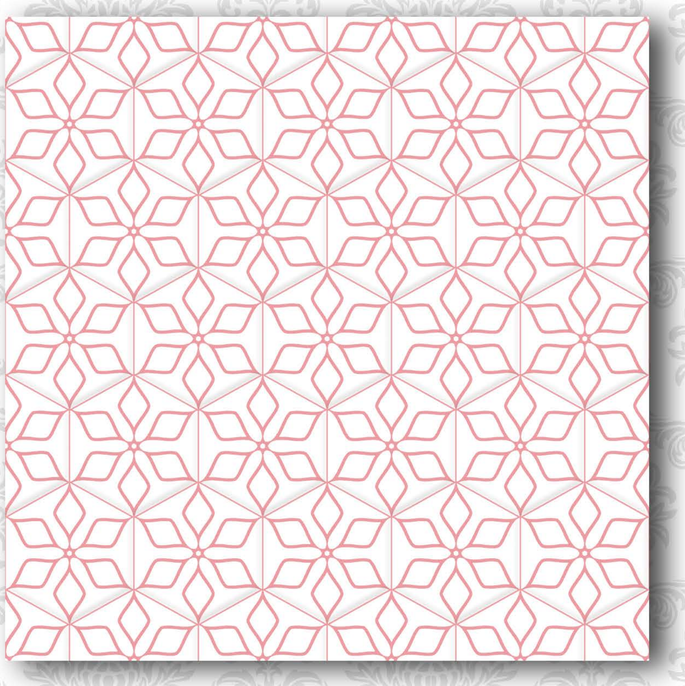
MATT
SUGAR

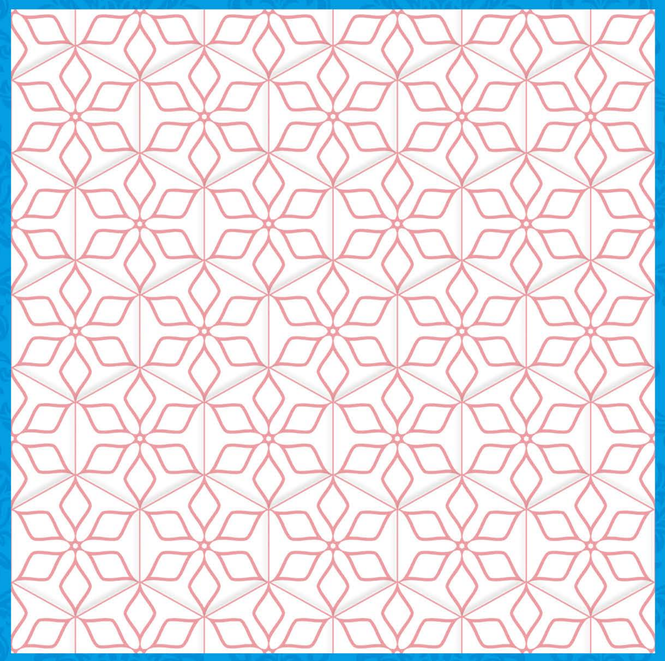
THICKNESS

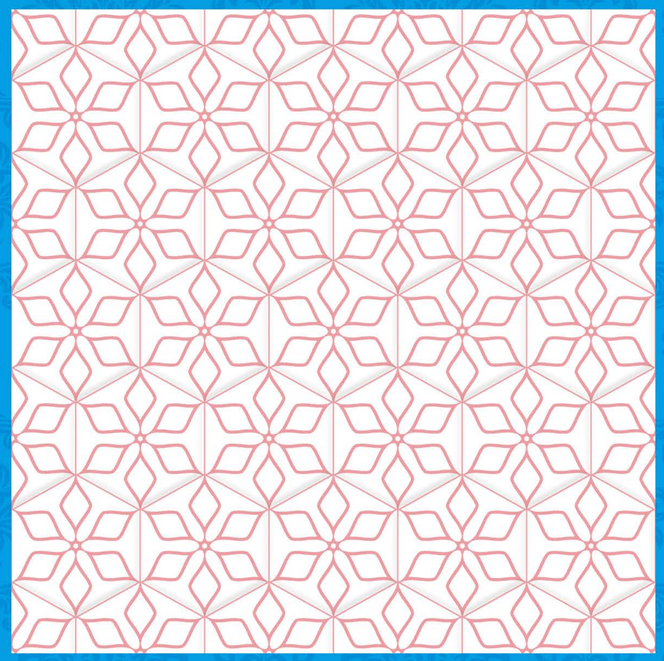
9 mm

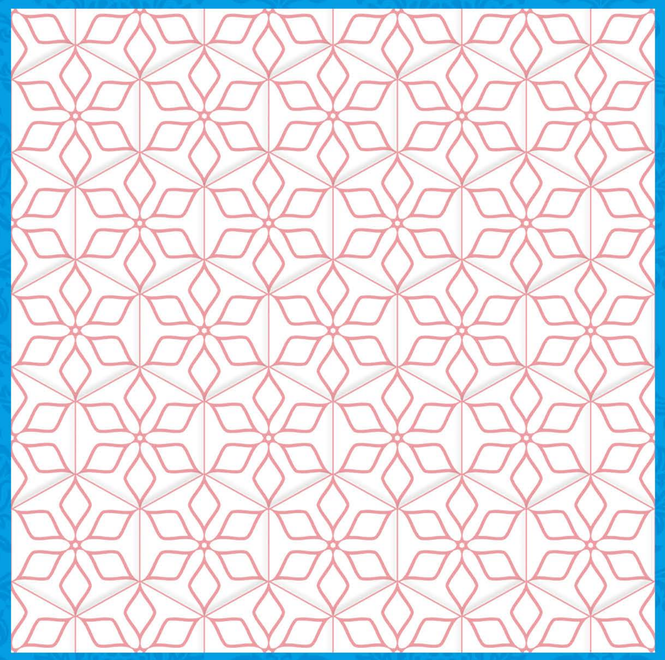
EAGLE
CERAMIC

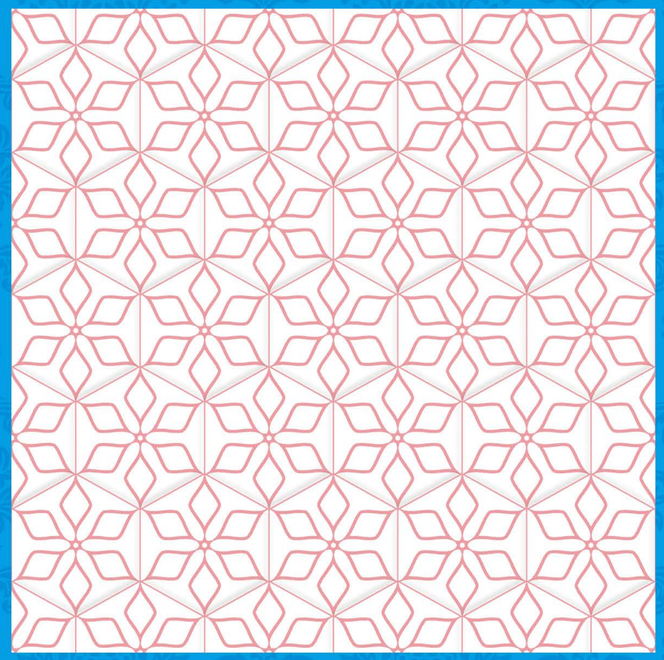
COOL
ROOF
TILES











EC-HEXA-26

SIZE

300 x
300 mm

PUNCH FINISH

MATT

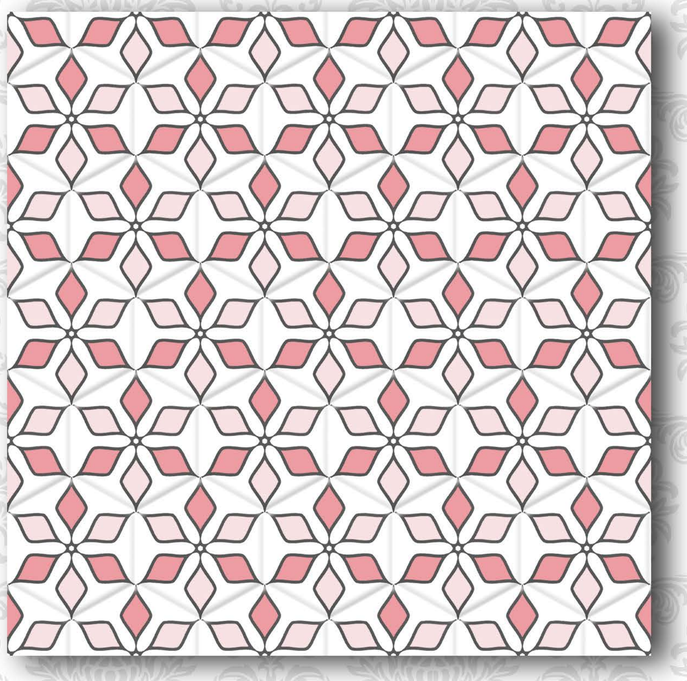
SUGAR

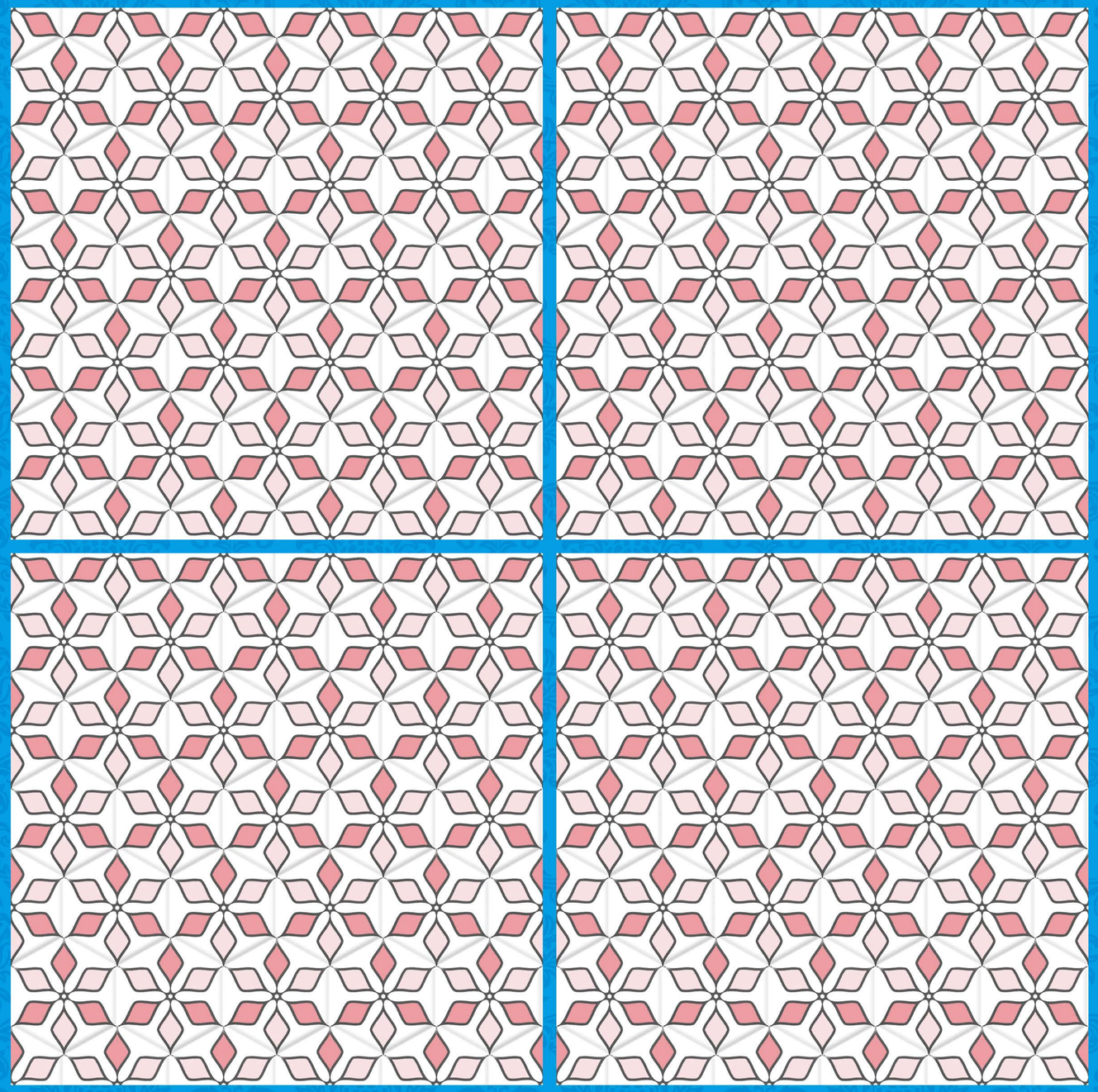
THICKNESS

9 mm

EAGLE
CERAMIC

COOL
ROOF
TILES





EC-HEXA-27

SIZE

300 x
300 mm

THICKNESS

9 mm

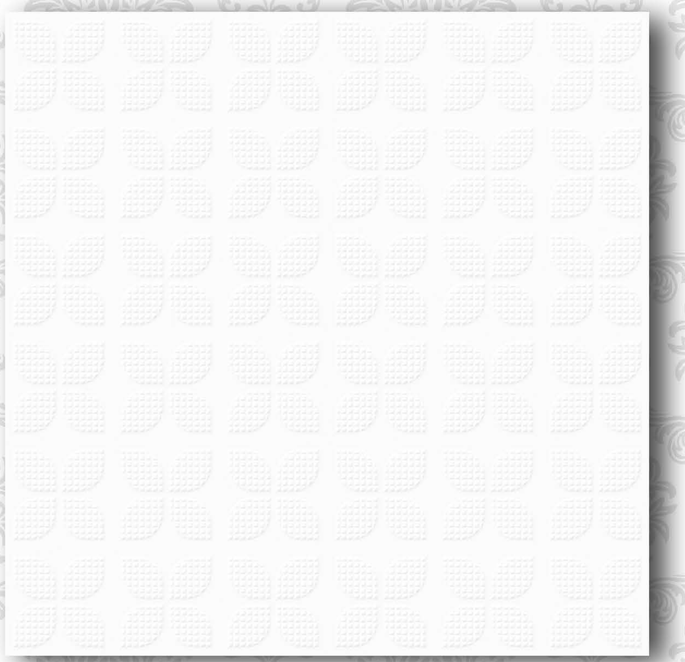
PUNCH FINISH

MATT

SUGAR

EAGLE
CERAMIC

COOL
ROOF
TILES



EC-LEAF WHITE

SIZE

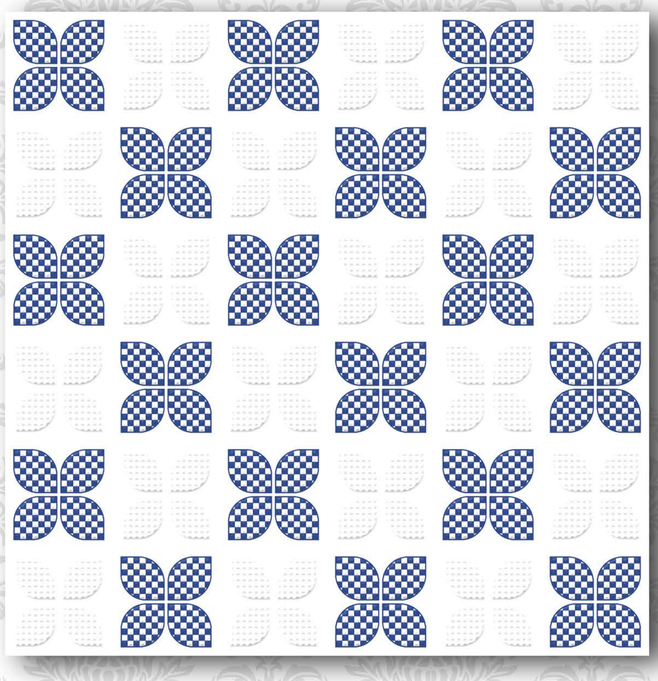
300 x
300 mm

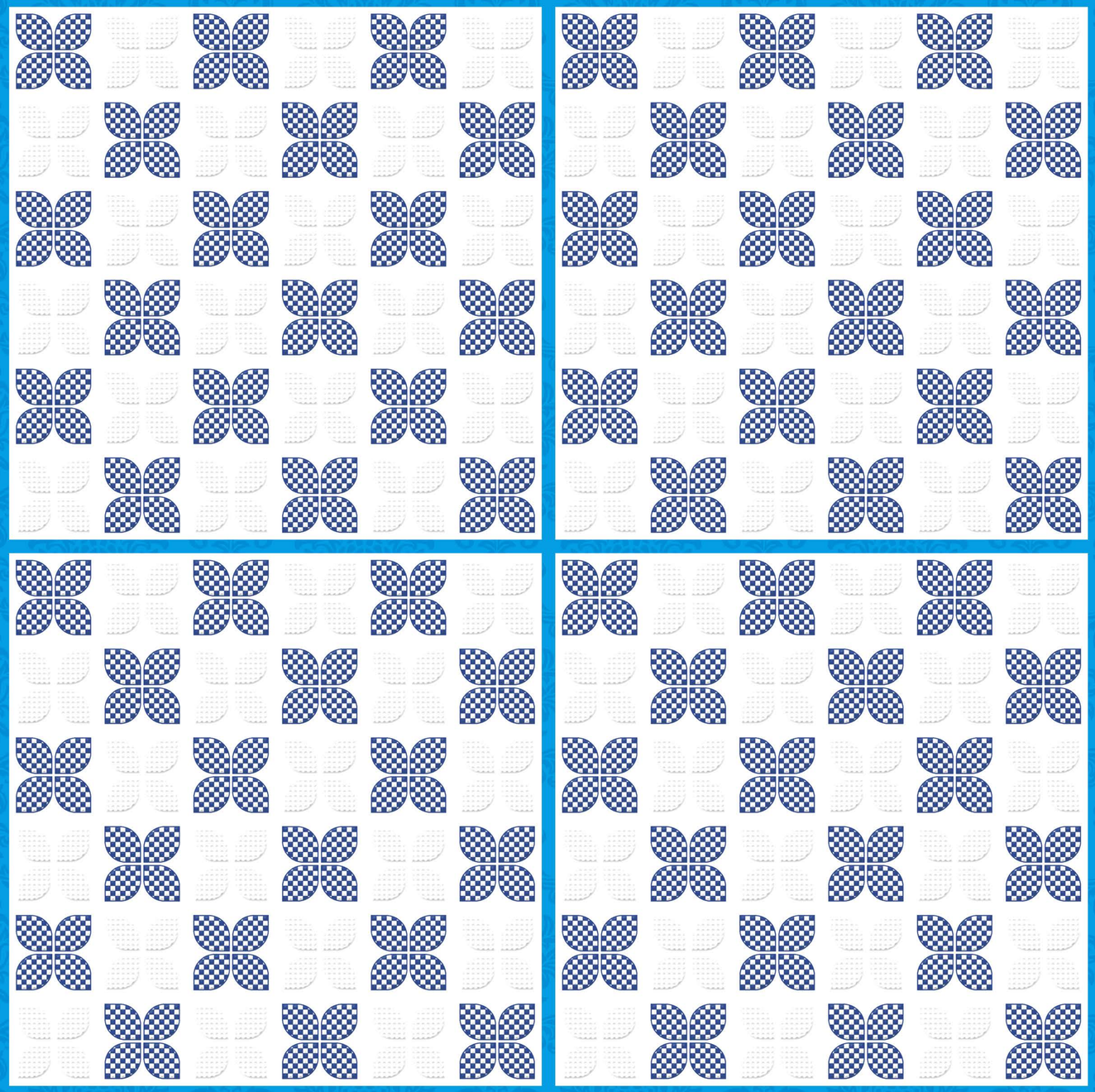
THICKNESS

9 mm

EAGLE
CERAMIC

COOL
ROOF
TILES





EC-LEAF-01

SIZE

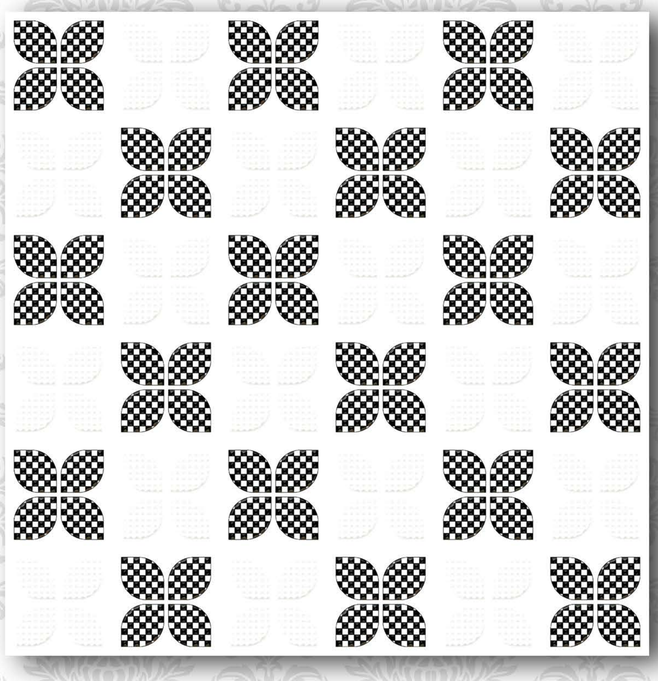
300 x
300 mm

THICKNESS

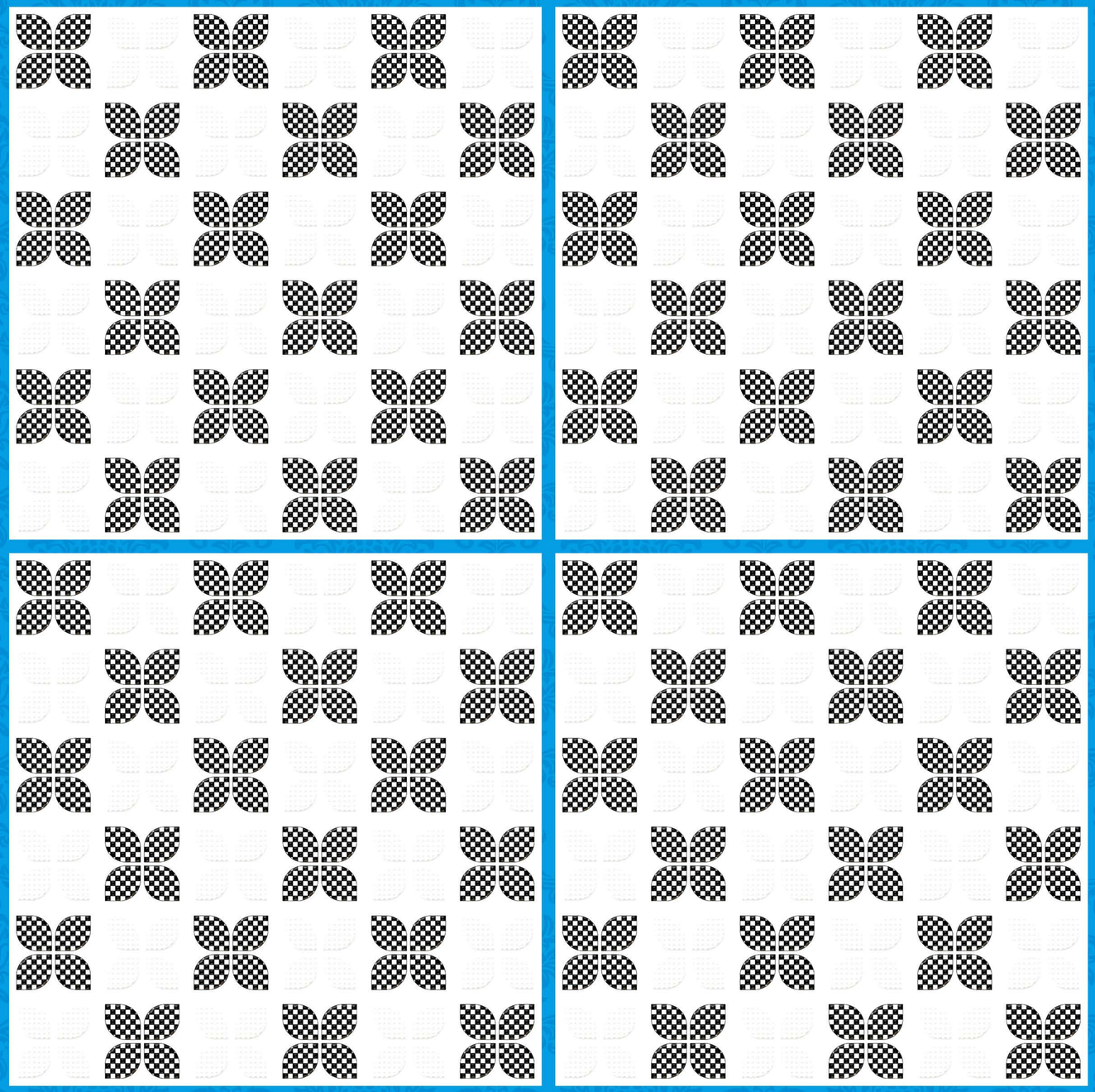
9 mm

EAGLE
CERAMIC

COOL
ROOF
TILES



EC-LEAF-02



SIZE

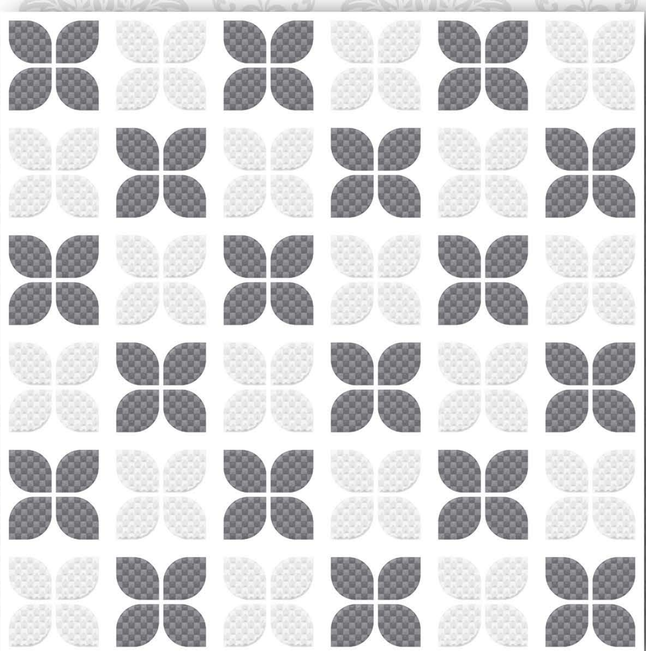
300 x
300 mm

THICKNESS

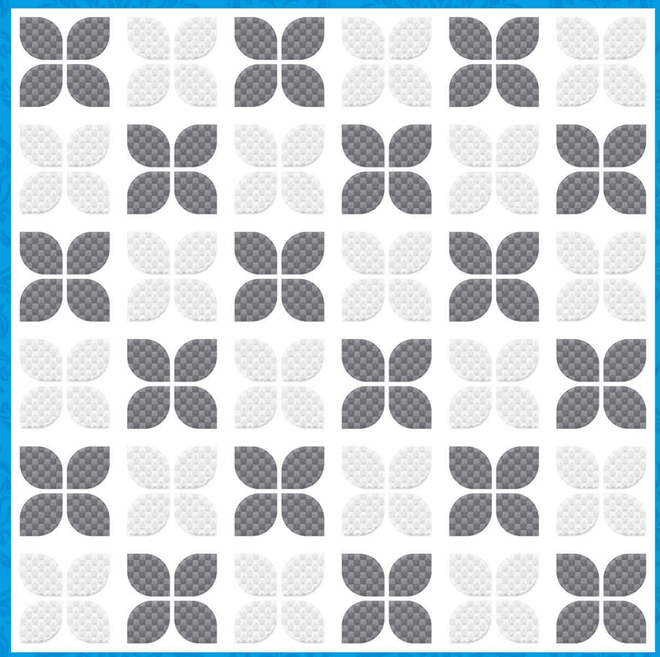
9 mm

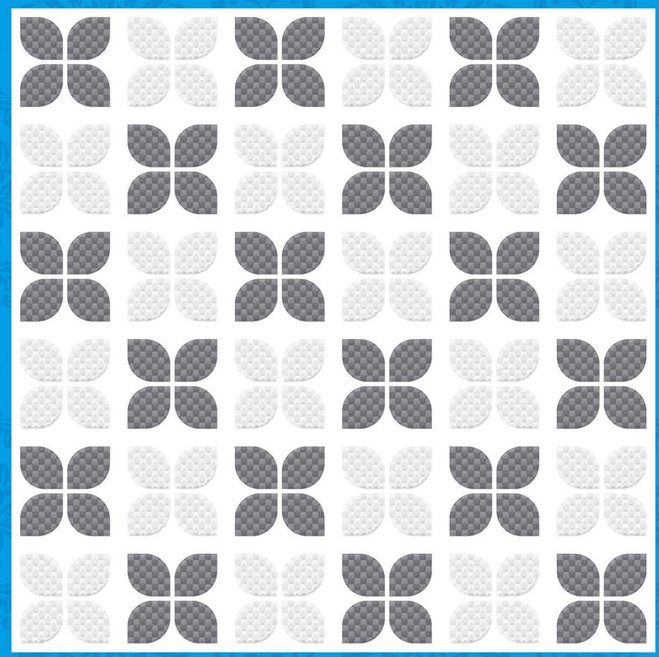
EAGLE
CERAMIC

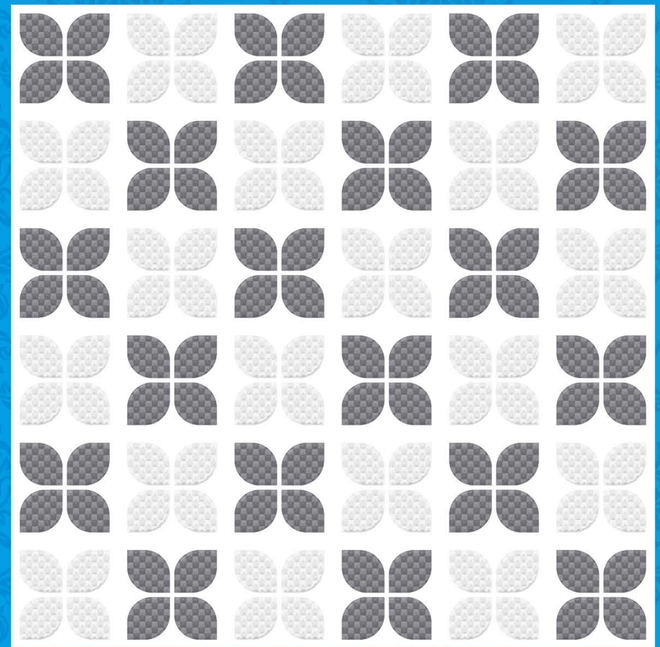
COOL
ROOF
TILES

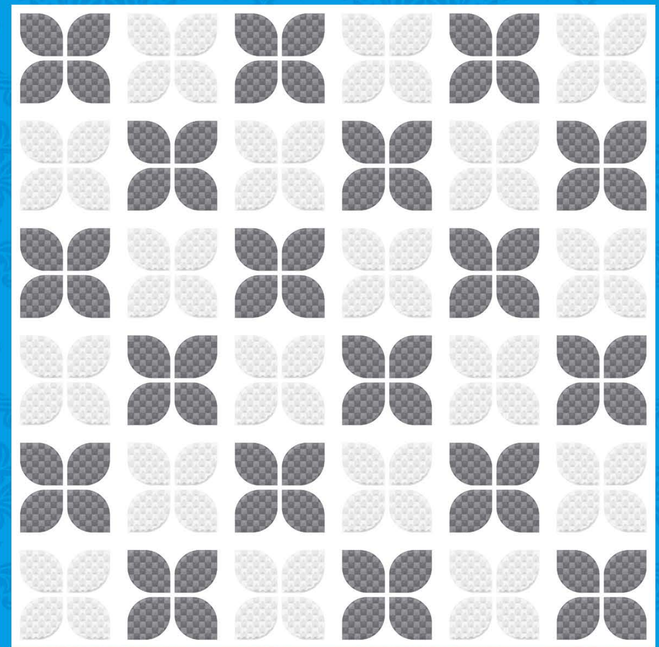


EC-LEAF-03









SIZE

300 x
300 mm

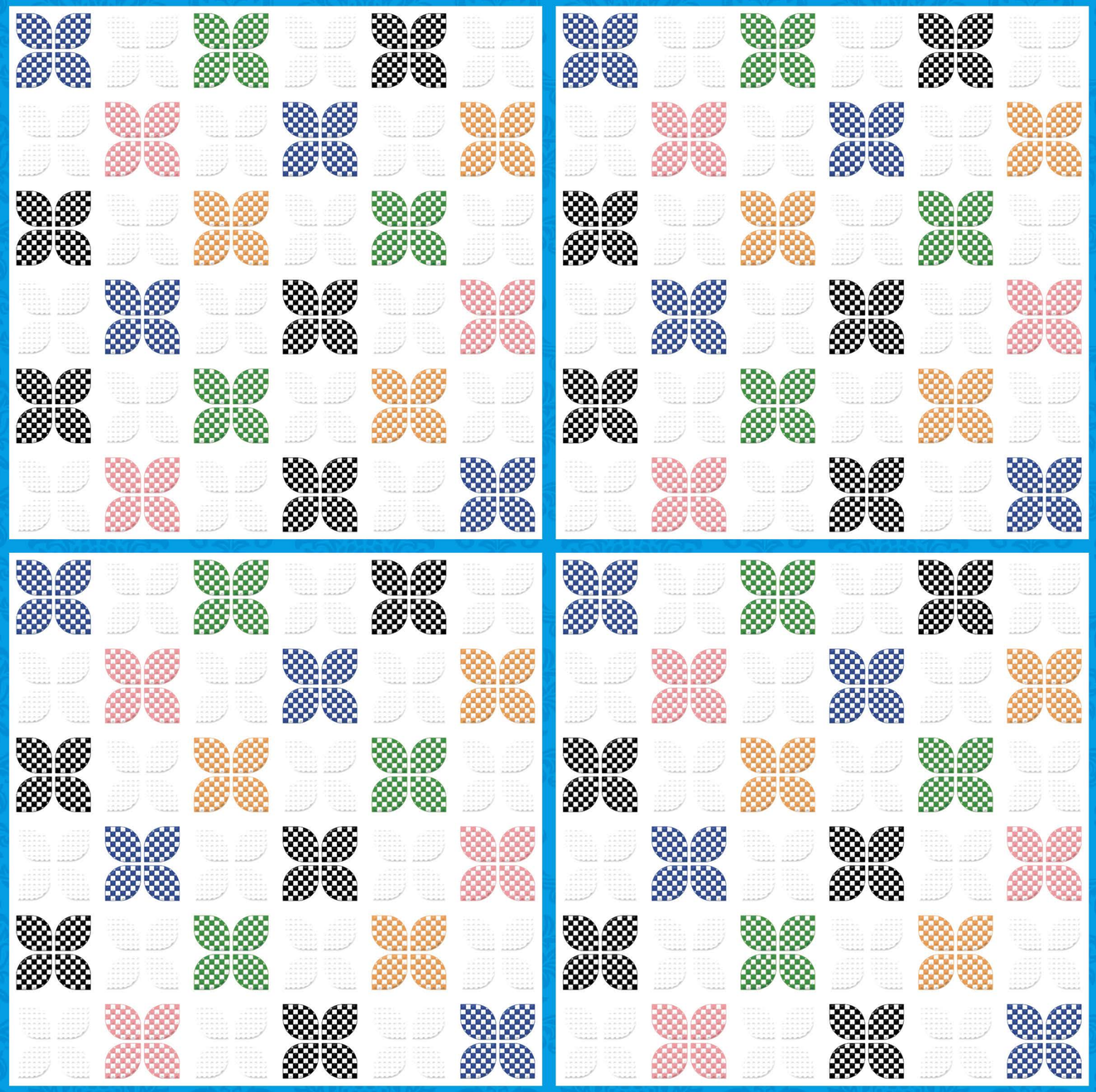
THICKNESS

9 mm

EAGLE
CERAMIC

COOL
ROOF
TILES

EC-LEAF-04



SIZE

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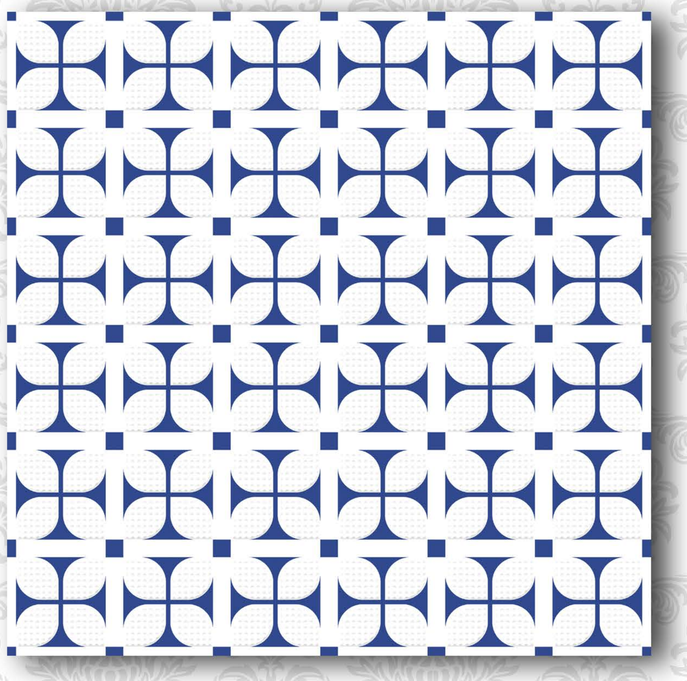
THICKNESS

9 mm

EAGLE
CERAMIC

COOL
ROOF
TILES



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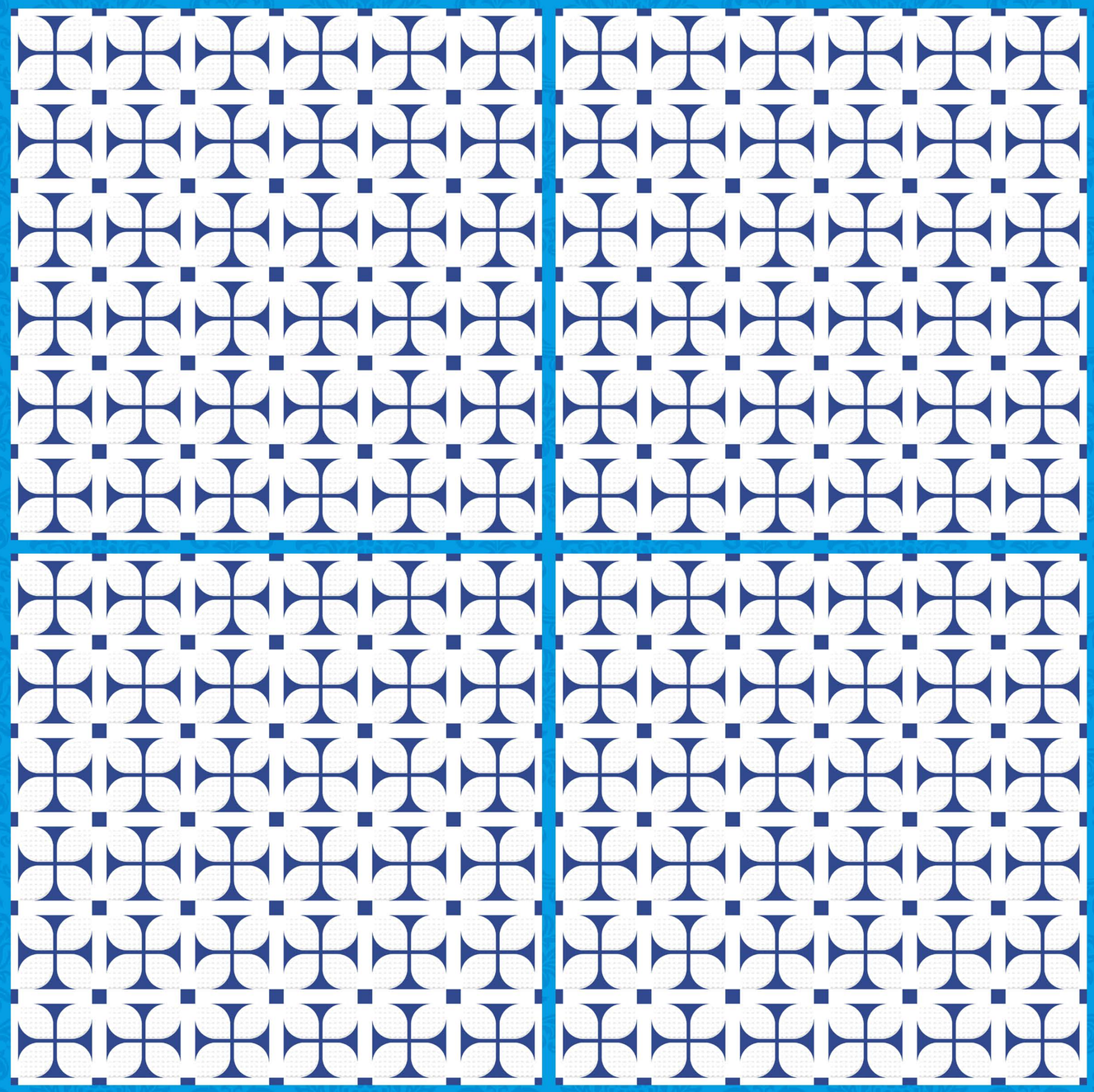

SIZE

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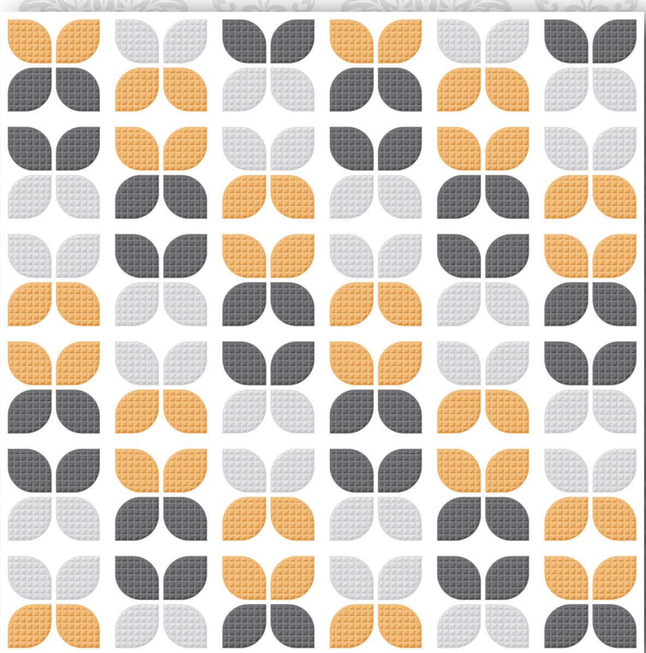
300 mm

THICKNESS

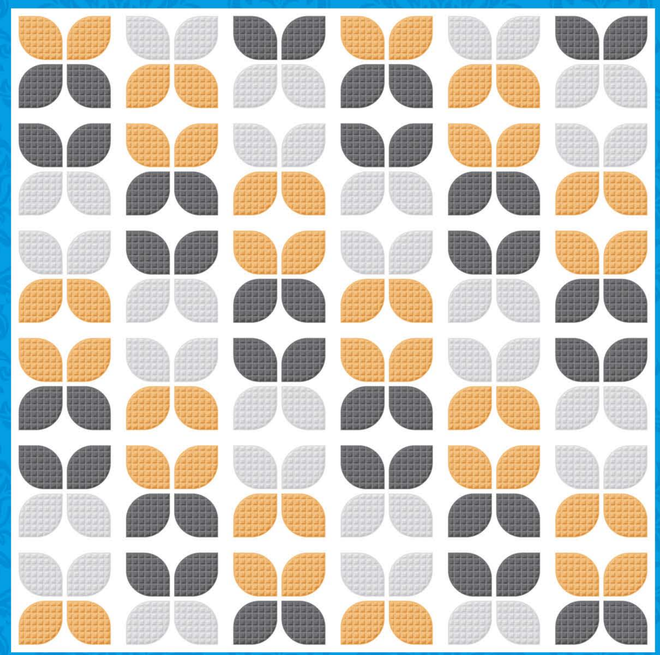
9 mm

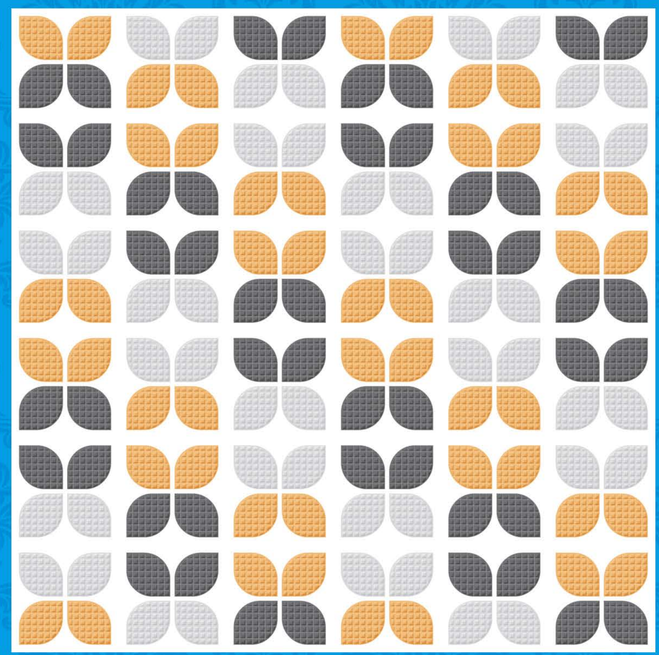
EAGLE
CERAMIC

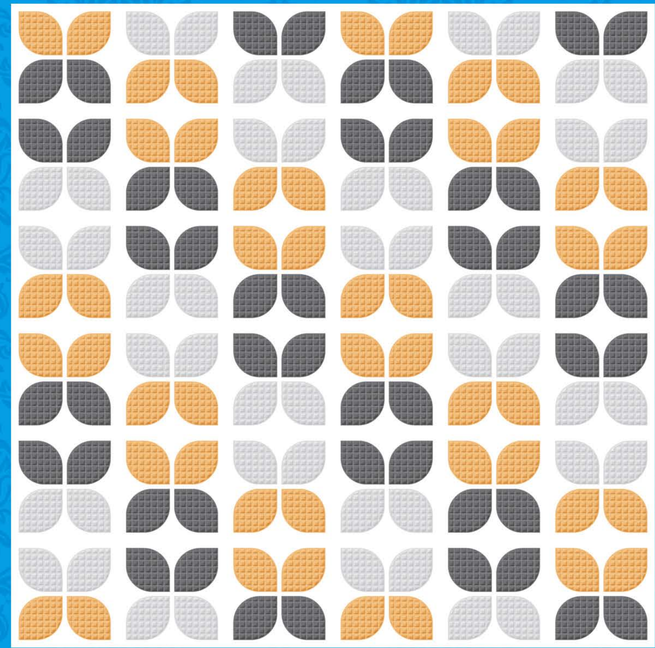
COOL
ROOF
TILES

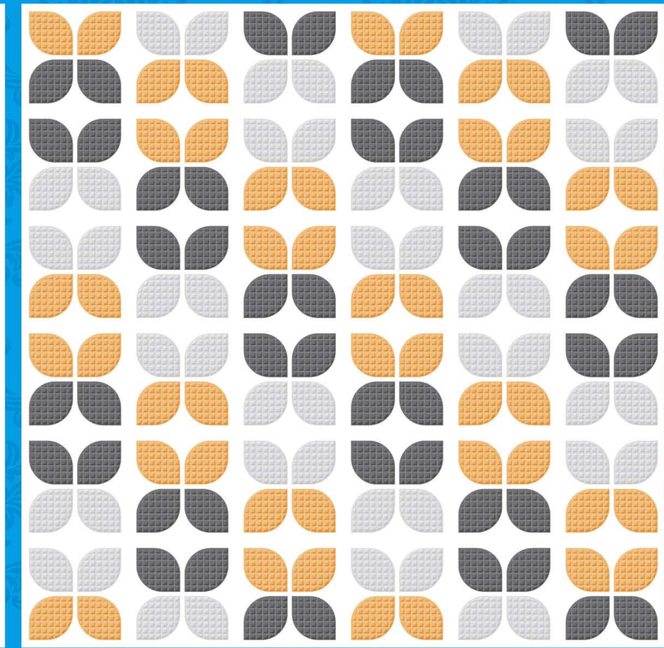


EC-LEAF-06









SIZE

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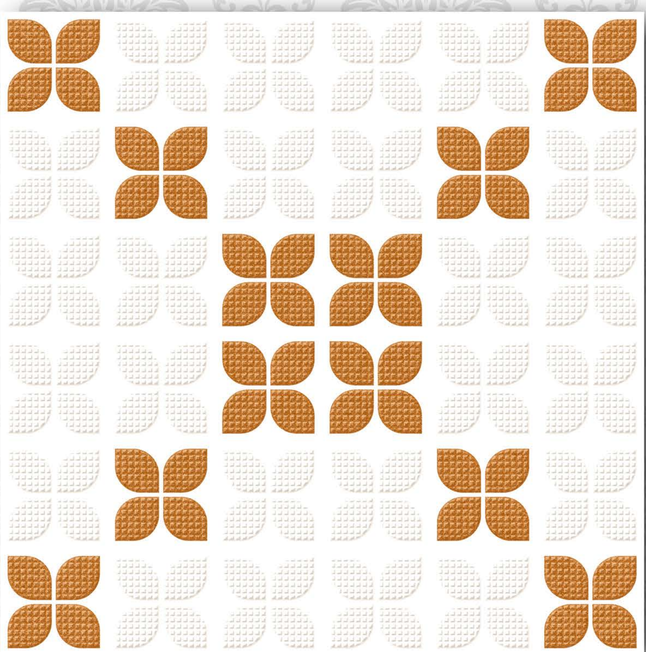
300 mm

THICKNESS

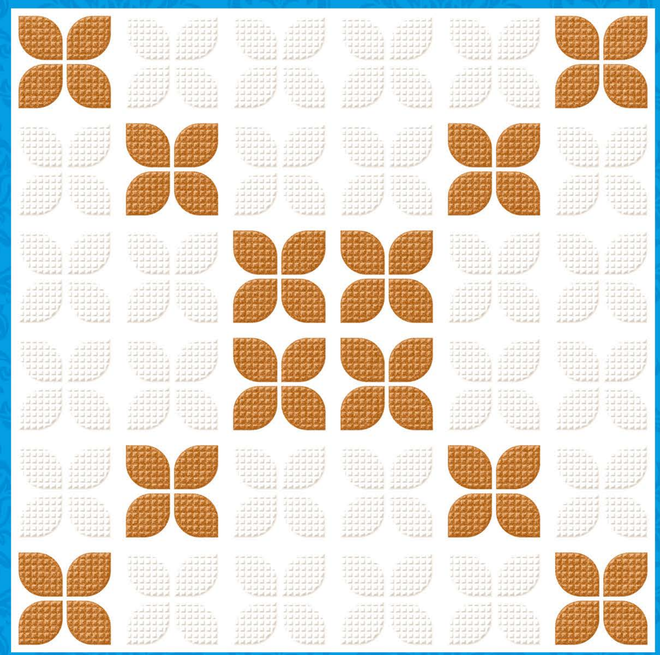
9 mm

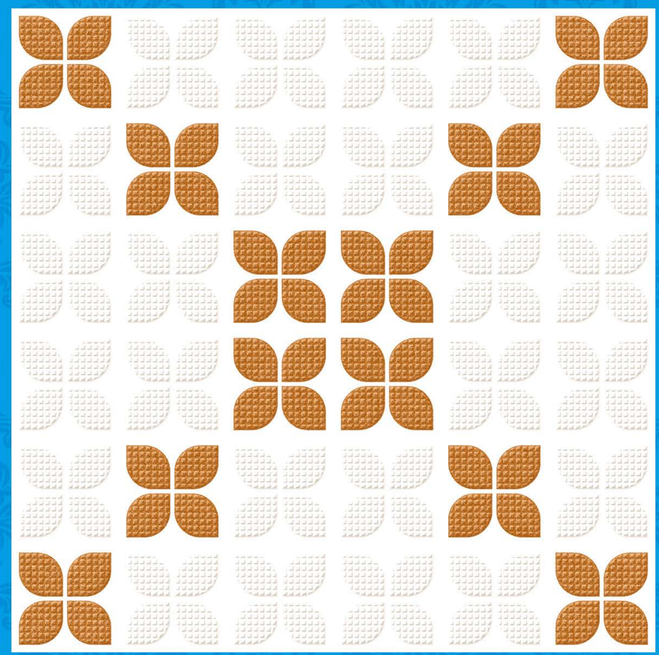
EAGLE
CERAMIC

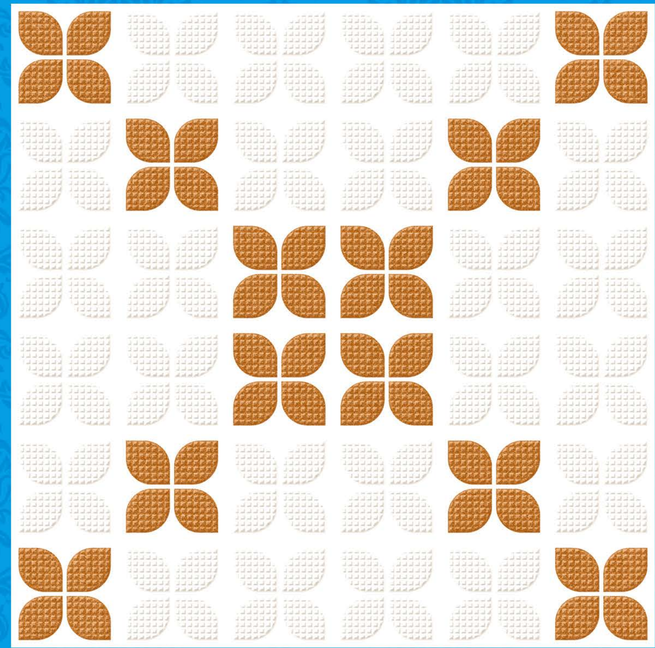
COOL
ROOF
TILES

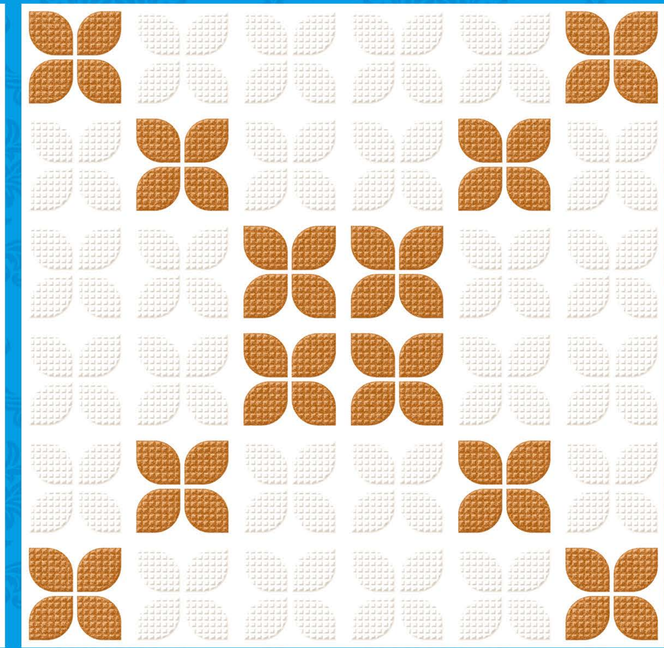


EC-LEAF-07









SIZE

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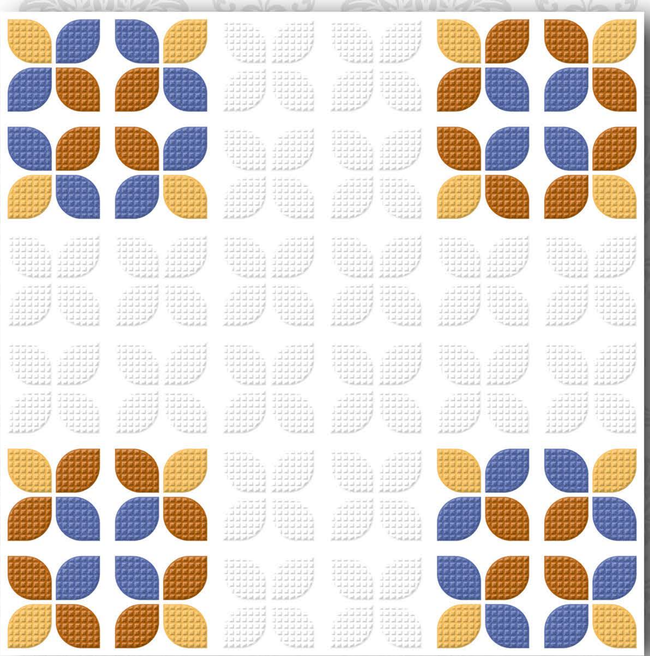
THICKNESS

9 mm

EAGLE
CERAMIC



EC-LEAF-08

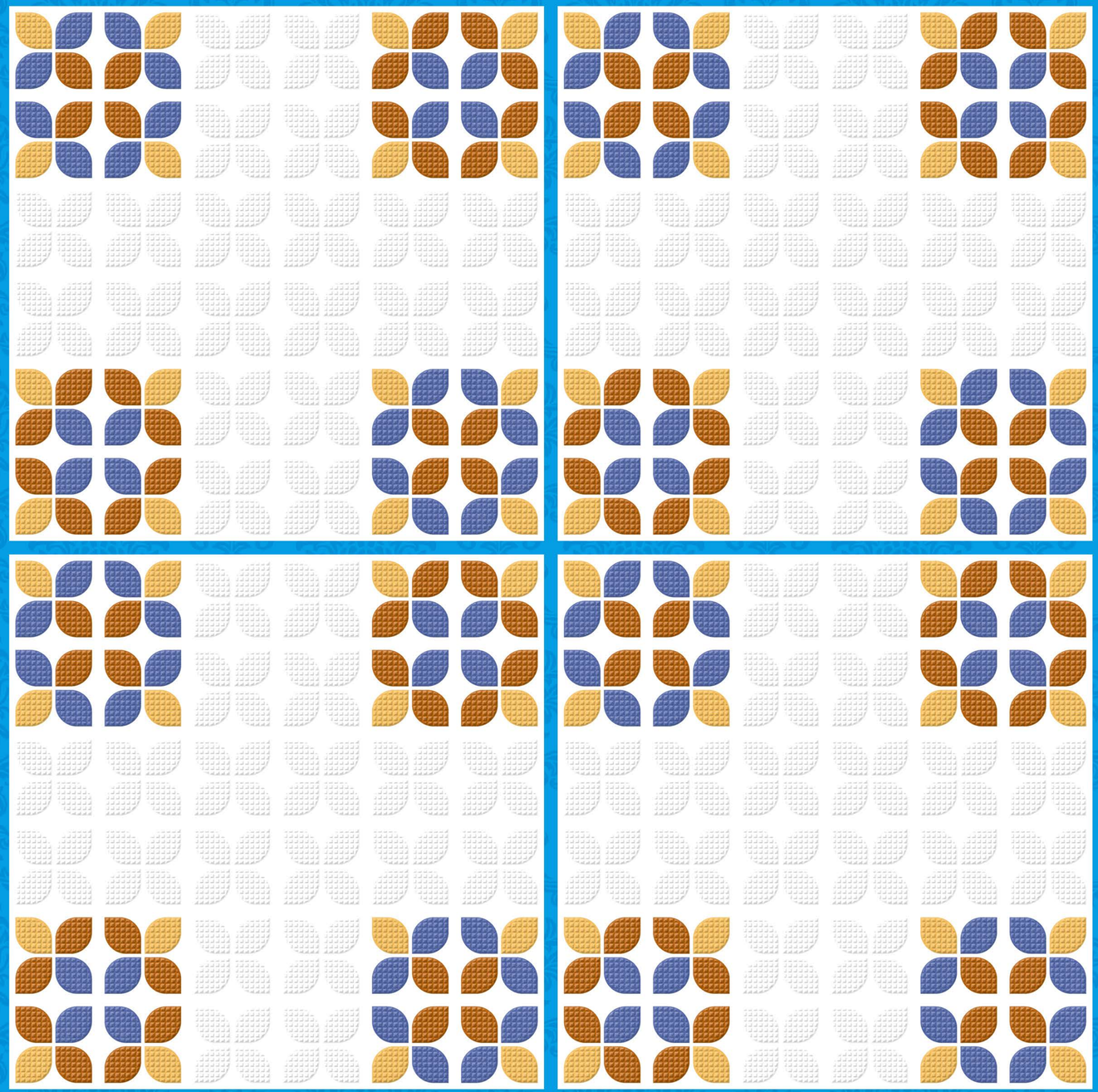
SIZE

300 x
300 mm

THICKNESS

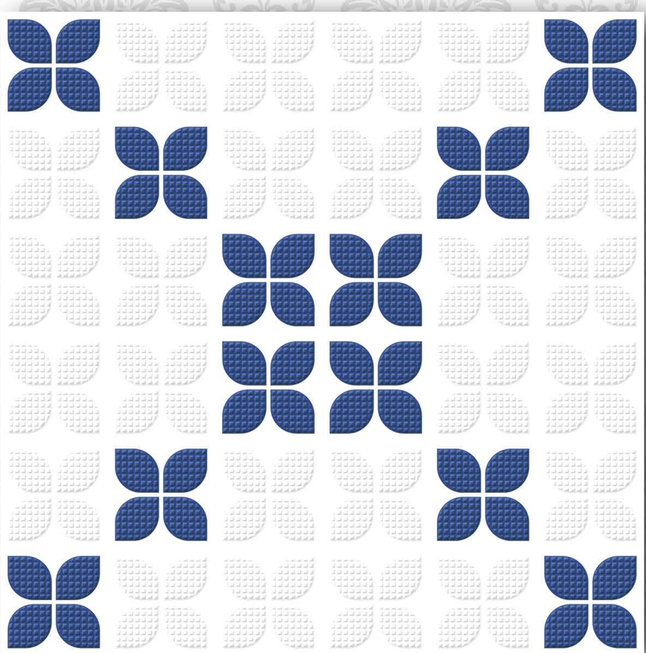
9 mm

COOL
ROOF
TILES

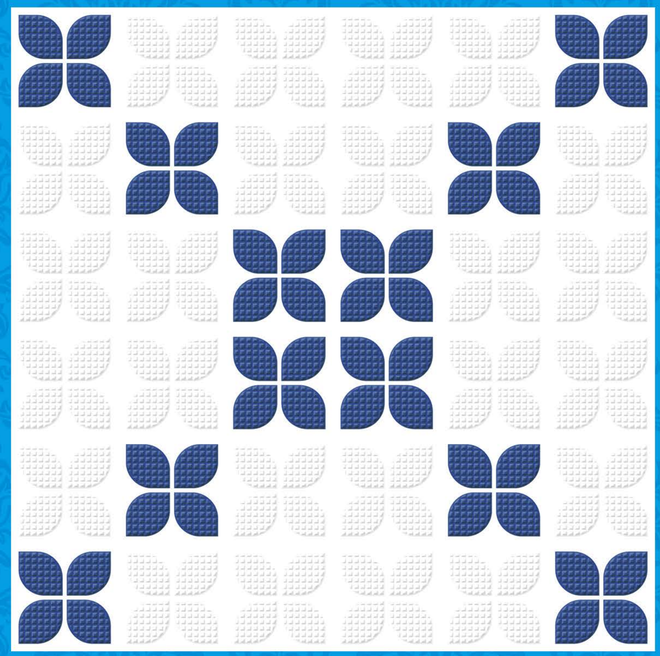


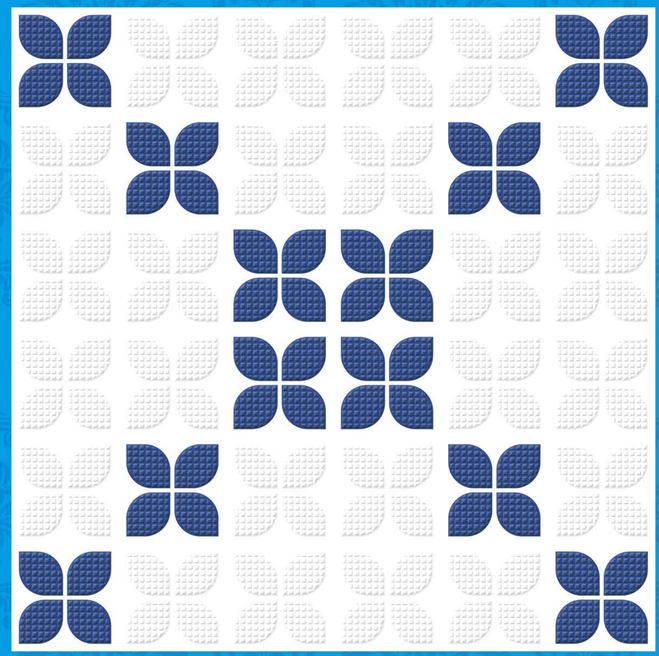
EAGLE
CERAMIC

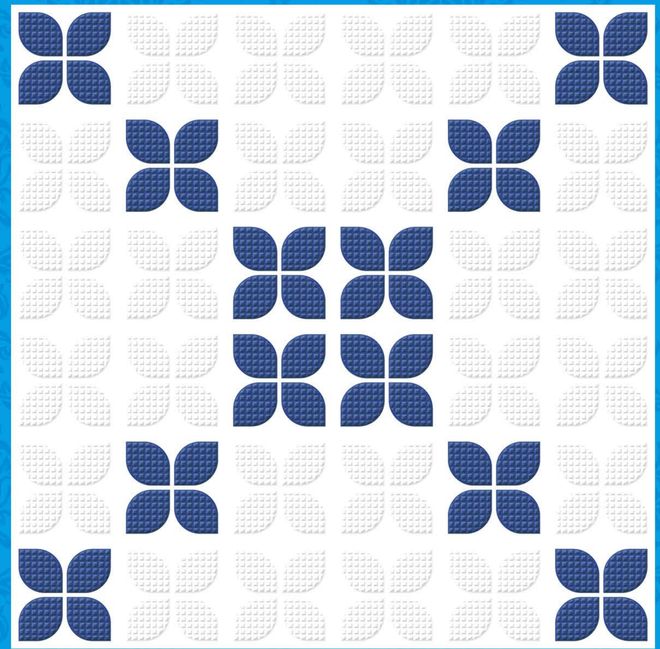
COOL
ROOF
TILES

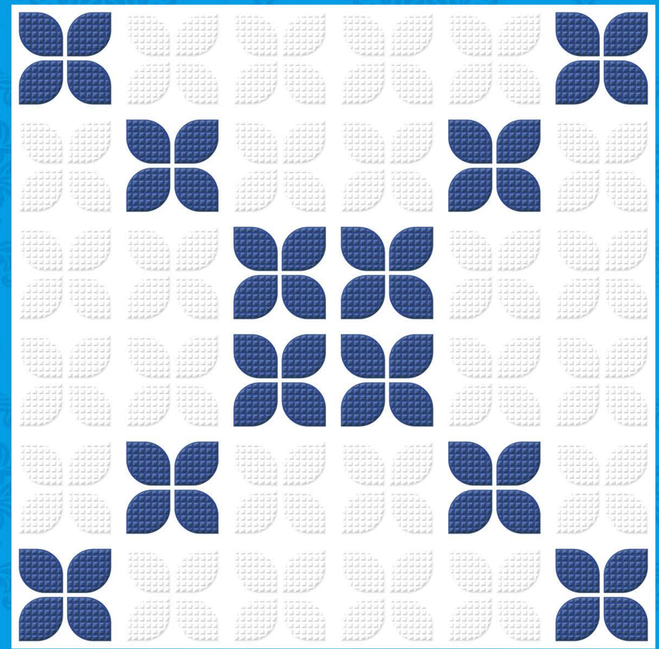


EC-LEAF-09









SIZE

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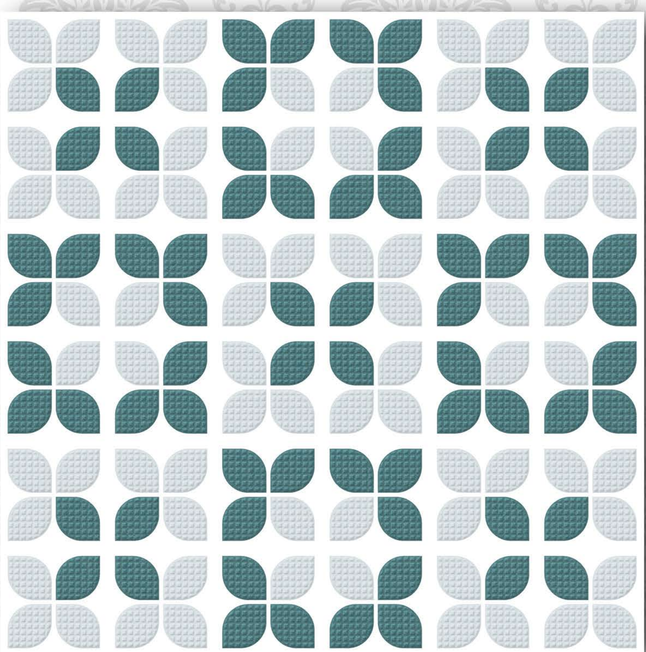
THICKNESS

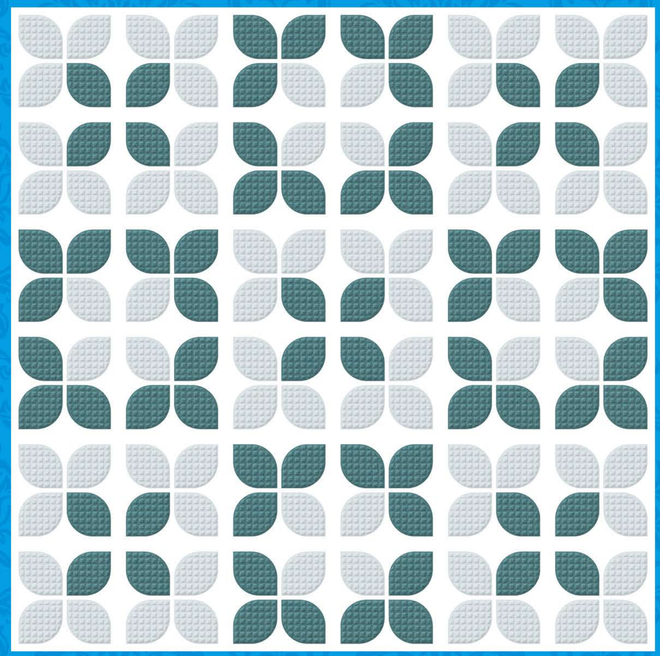
9 mm

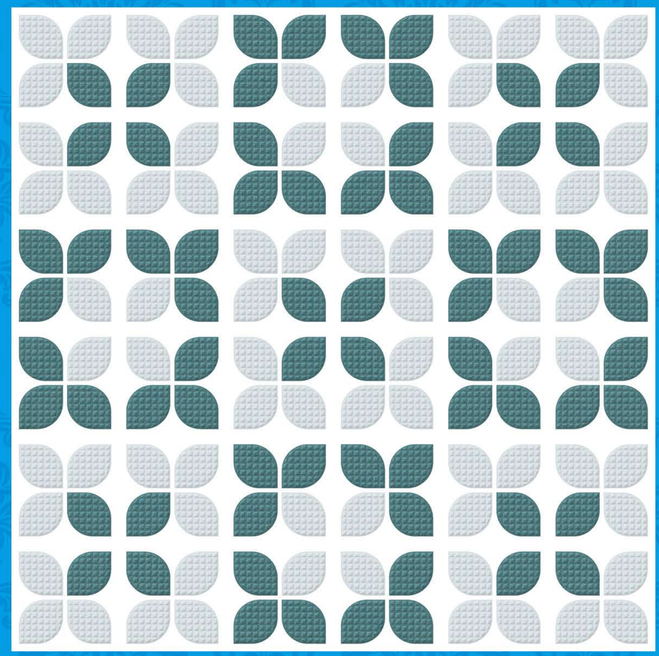
EAGLE
CERAMIC

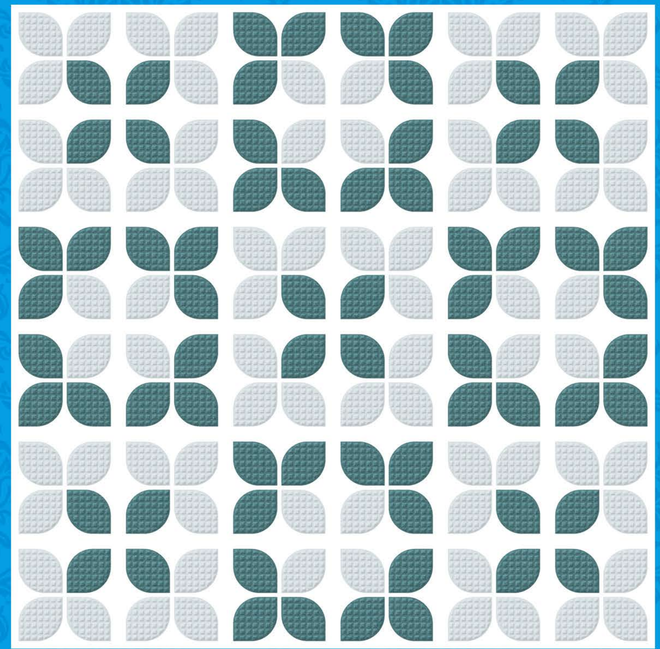
COOL
ROOF
TILES

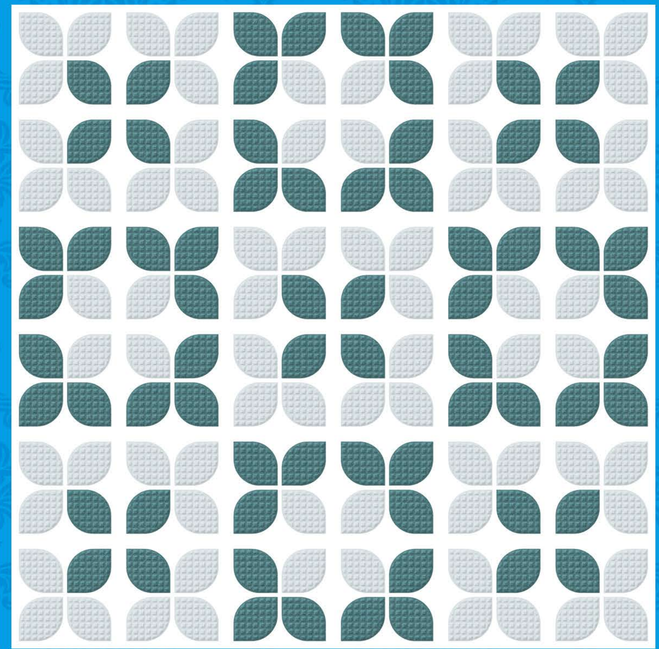


EC-LEAF-10









SIZE

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THICKNESS

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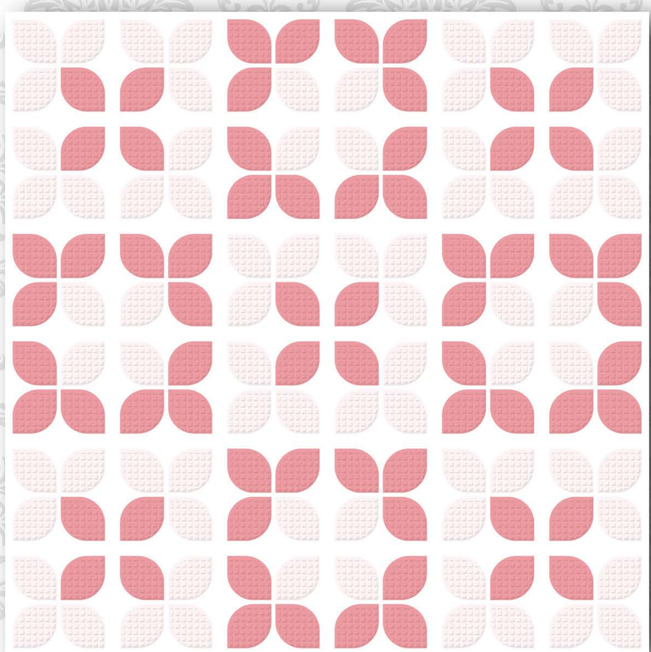
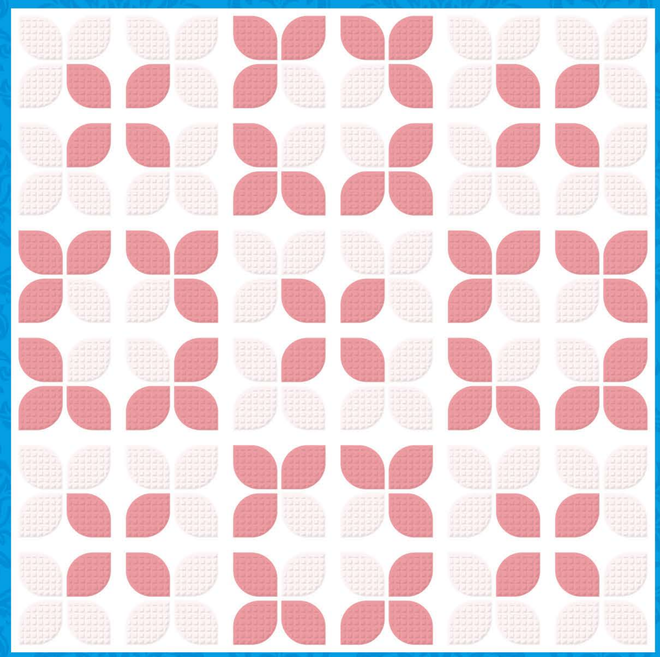
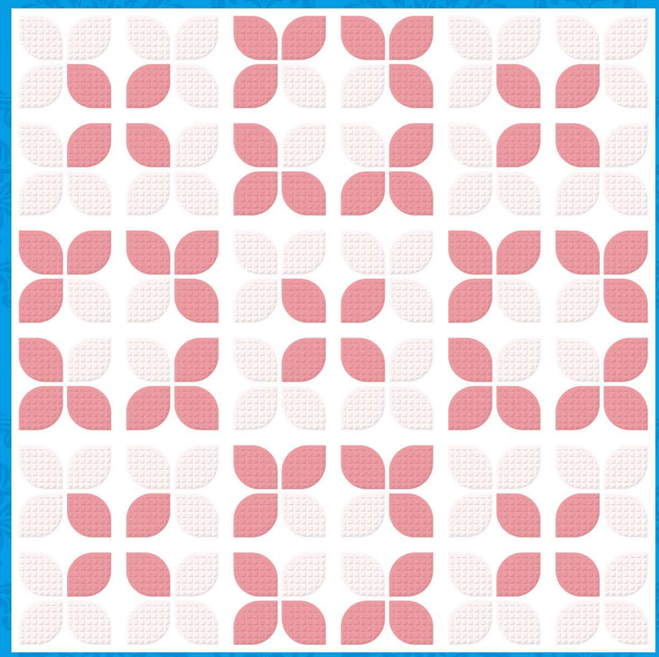
EAGLE
CERAMIC

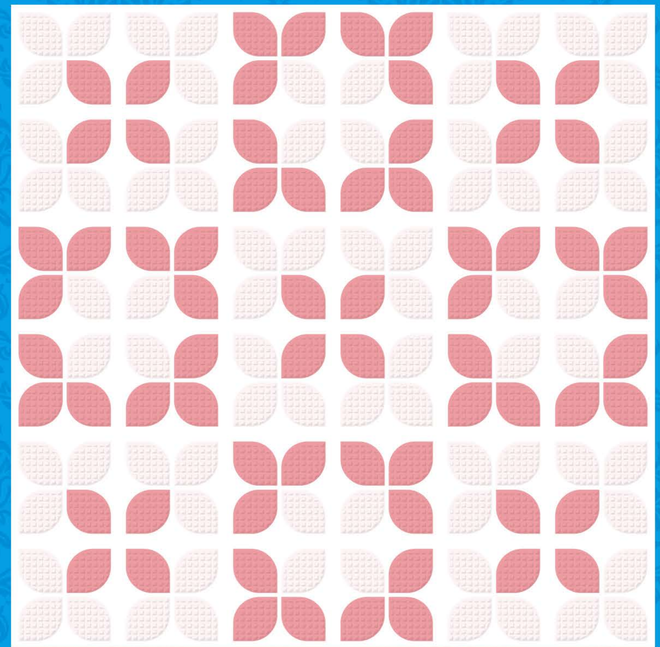
COOL
ROOF
TILES

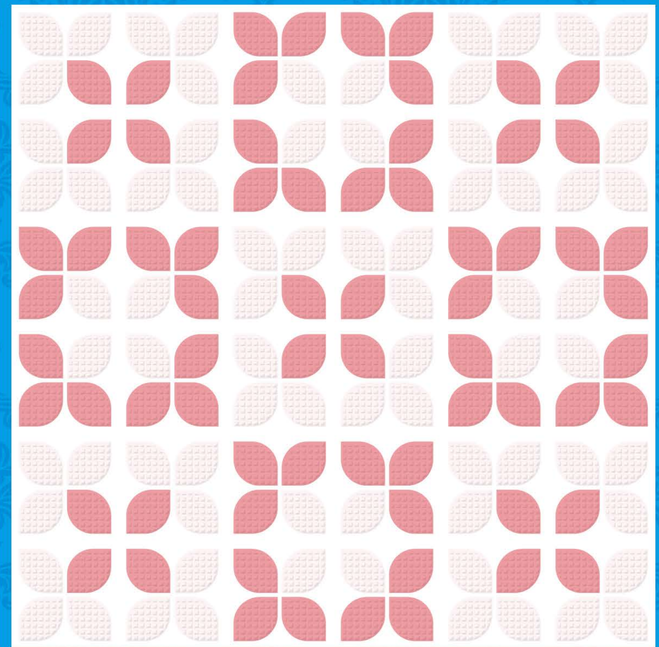


EC-LEAF-11









SIZE

300 x
300 mm

THICKNESS

9 mm

EAGLE

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Morbi,Gujarat 363642

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