



xceramics



WALL & FLOOR TILES COLLECTION



x
MONALISA
ITALIAN FASHION TILES

WE ARE ONE | WE ARE



Exclusive Display Center :
Noorjahan Tower, (1st Floor)
2 No. Link Road, Bangla Motor, Dhaka 1000

XIC Point,
213/2, 213/3 & 213/5
Bir Uttam Rafiqul Islam Sarani, Middle Badda, Dhaka-1212.
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Fax: +88 02 9856110
Email: info@xceramics.com

☎ +8801844004050, 48 & 46
🌐 xceramics.com
📱 monalisatilesbd

SUMMER EDITION 2025

A Tiles Book

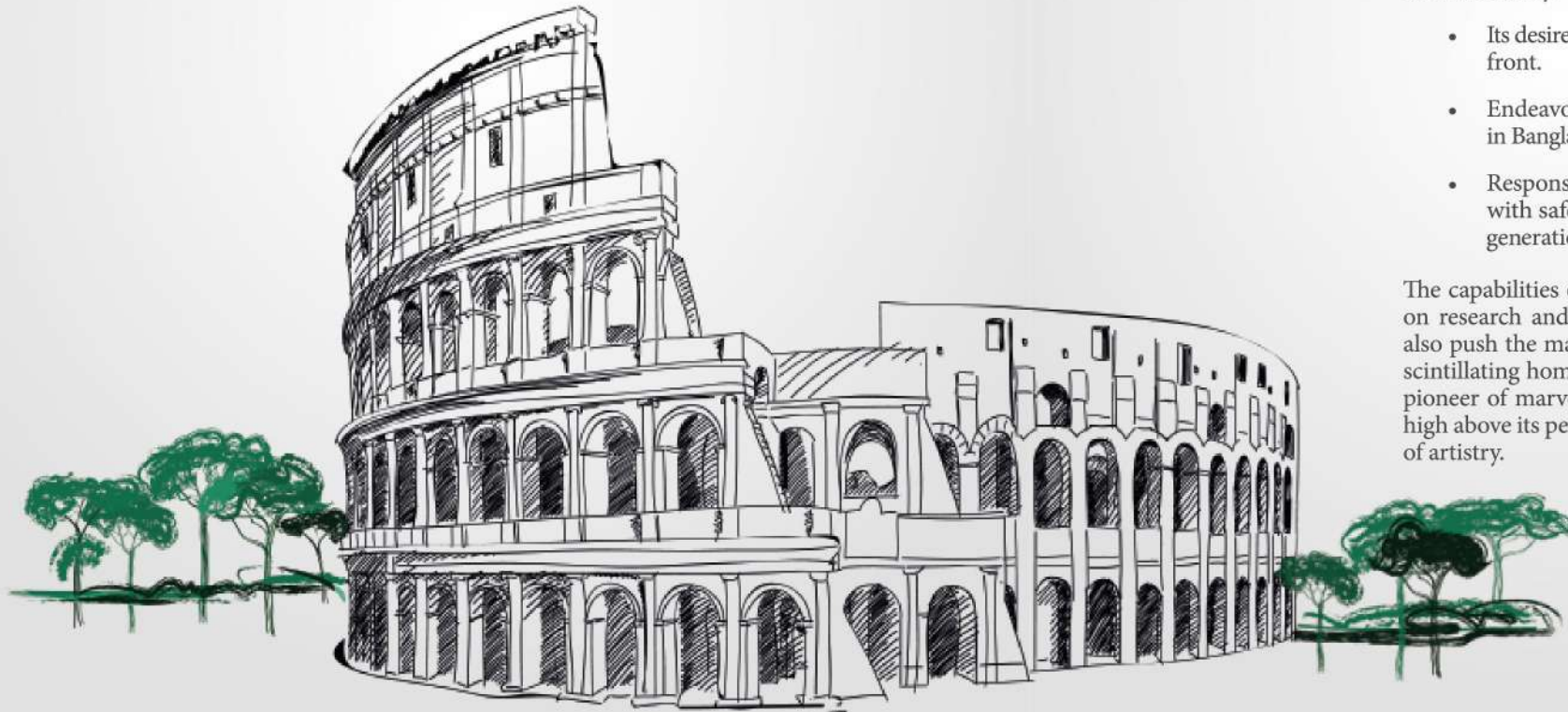
Design Creates

Culture



INCEPTED BY ITALIANS

Let the *Italian* spectacles of
exoticness make a statement of intent with
their allure on behalf of your
style and decor



X **Monalisa** is Bangladesh's leading ceramic tiles brand, which was established in the year 2013 under the umbrella of X **Ceramics Group**. X **Monalisa** has a constant focus on design, research and technological advancement to accomplish excellence in product. This consistent endeavor to innovate better has helped X **Monalisa** to offer a comprehensive portfolio of porcelain tiles for residential and commercial spaces.

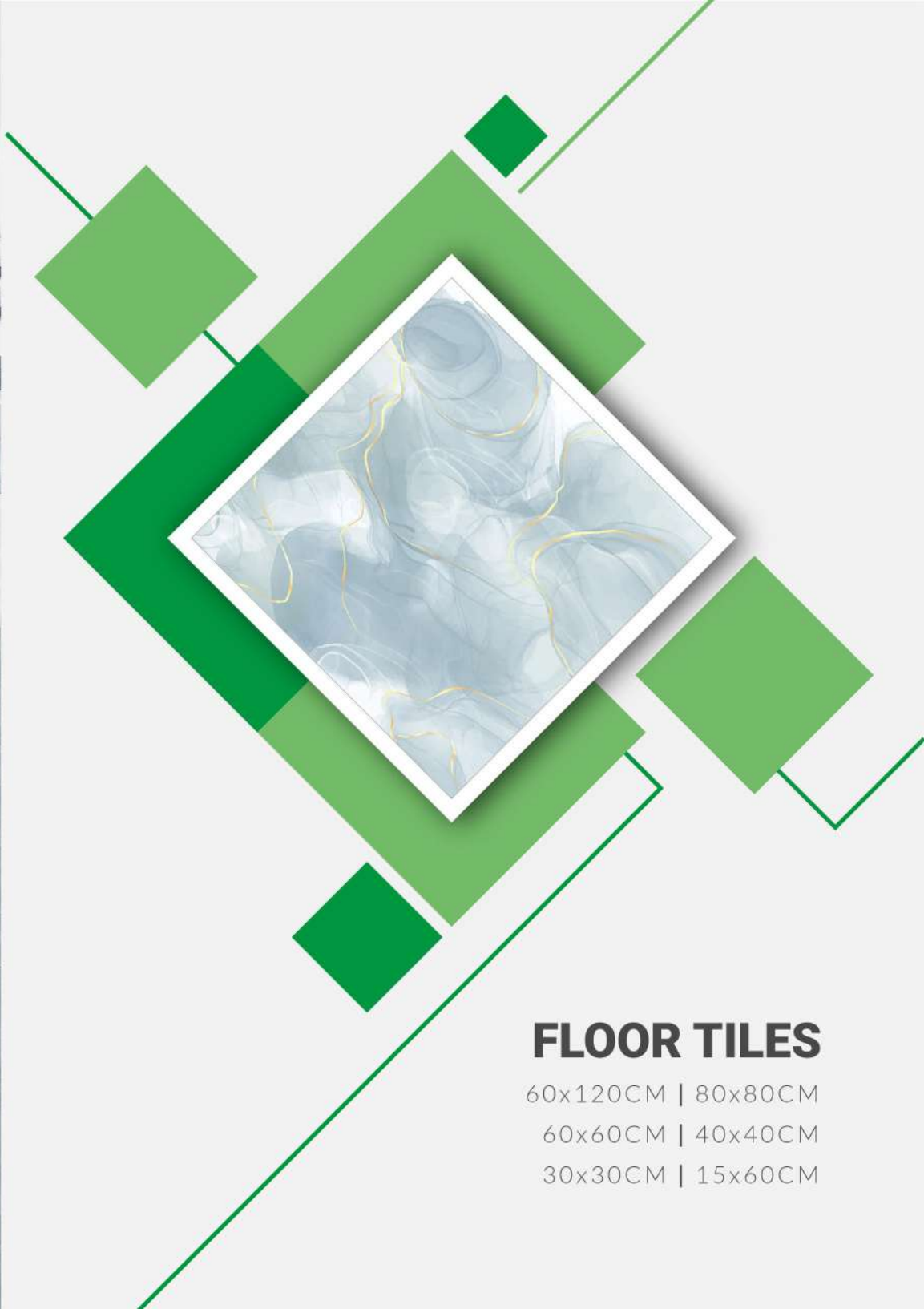
X **Monalisa** has created a foundation of success based on its caliber of understanding the needs of our customers and delivering high quality designs that are fashionable, safe and long-lasting.

X **Monalisa's** core values of quality, innovation and respect are reflected by:

- Its desire to make new headways in the technological front.
- Endeavor to introduce Italian designs and culture in Bangladesh through the creativity of the products.
- Responsible actions to protect the environment with safe and smart processes to ensure future generations can experience the gift of nature.

The capabilities of X **Monalisa** are extensive, which focus on research and innovation in the ceramic industry, but also push the mantle of inspiring new trends and creating scintillating home & office décors. **Monalisa** aspires to be a pioneer of marvelous creations which is taking the brand high above its peers to leave behind an unforgettable legacy of artistry.





FLOOR TILES

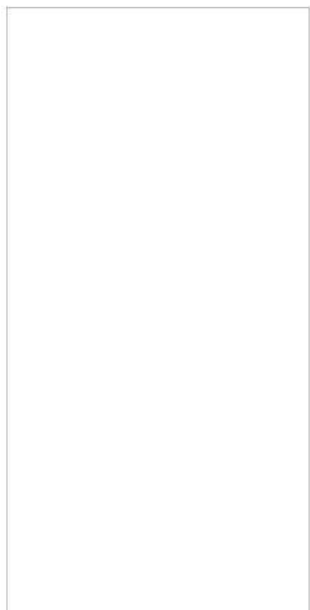
60x120CM | 80x80CM

60x60CM | 40x40CM

30x30CM | 15x60CM

NANO MIRROR POLISHED TILES | GLOSSY

Floor | Size: 60x120



MNP 1200



MNP 1202



MNP 1203



MNP 1205



MNP 1207



MNP 1209

NANO MIRROR POLISHED TILES



NANO MIRROR POLISHED TILES | GLOSSY

Floor | Size: 60x120



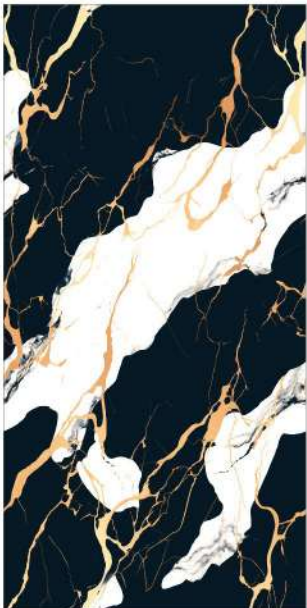
MNP 1211



MNP 1212



MNP 126049



MNP 1208



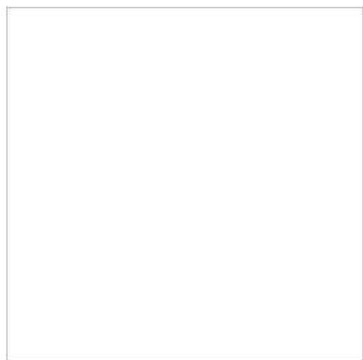
MNP 126200

NANO MIRROR POLISHED TILES



MICROTECHNOLOGY TILES | GLOSSY(POLISHED)

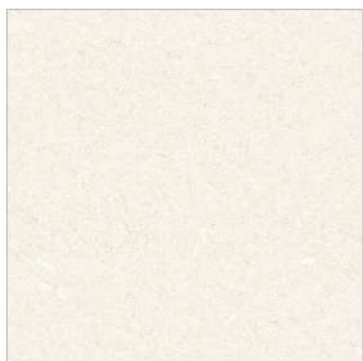
Floor | Size: 80x80



MMTVT 8000



MMTVT 8050



MMTVT 8052



MMTVT 8053



MMTVT 8054



MMTVT 8055

MICROTECHNOLOGY TILES



MICROTECHNOLOGY TILES | GLOSSY(POLISHED)

Floor | Size: 80x80

MICROTECHNOLOGY TILES



MMTVT 8056



MMTVT 8060



MMTVT 8061

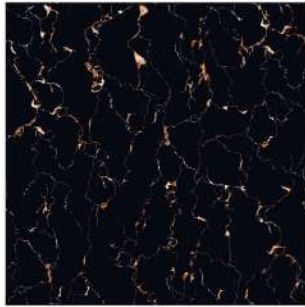


NANO MIRROR POLISHED TILES | GLOSSY

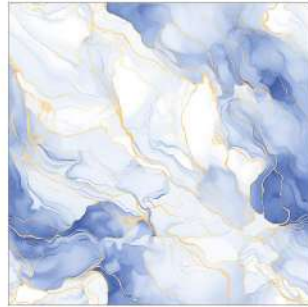
Floor | Size: 60x60



MGVT 6012



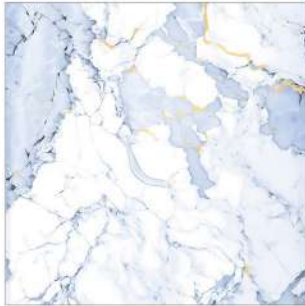
MGVT 6019



MGVT 6021



MGVT 6022



MGVT 6023



MGVT 6025



MGVT 6026



MGVT 6027



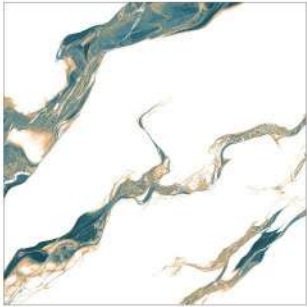
MGVT 6028

NANO MIRROR POLISHED TILES



NANO MIRROR POLISHED TILES | GLOSSY

Floor | Size: 60x60



MGVT 6030



MGVT 6031



MGVT 6035



MGVT 6036



MGVT 6038



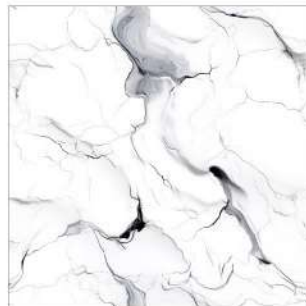
MGVT 6039



MGVT 6040



MGVT 6047



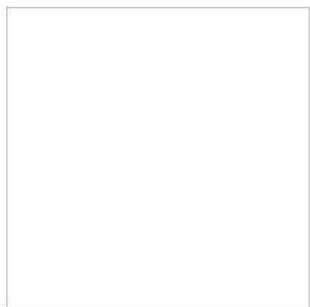
MGVT 6052

NANO MIRROR POLISHED TILES | GLOSSY



NANO MIRROR POLISHED TILES | GLOSSY

Floor | Size: 60x60



MGVT 6048 (WHITE)



MGVT 6049 (BLACK)



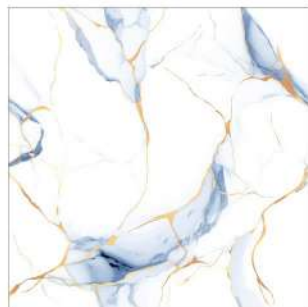
MGVT 6050



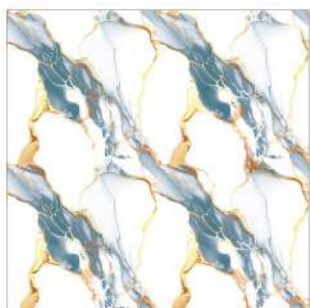
MGVT 6051



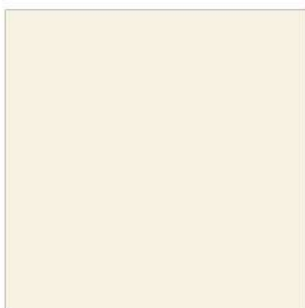
MGVT 6053



MGVT 6054



MGVT 6055



MGVT 6080



MGVT 6082

NANO MIRROR POLISHED TILES | GLOSSY



HIGH GLOSSY

Floor | Size: 60x60



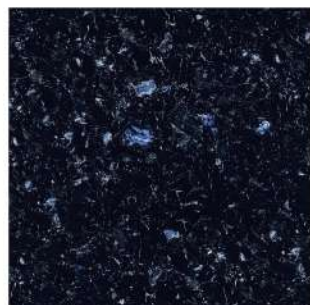
MHGT 6200



MHGT 6203



MHGT 6201



MHGT 6202

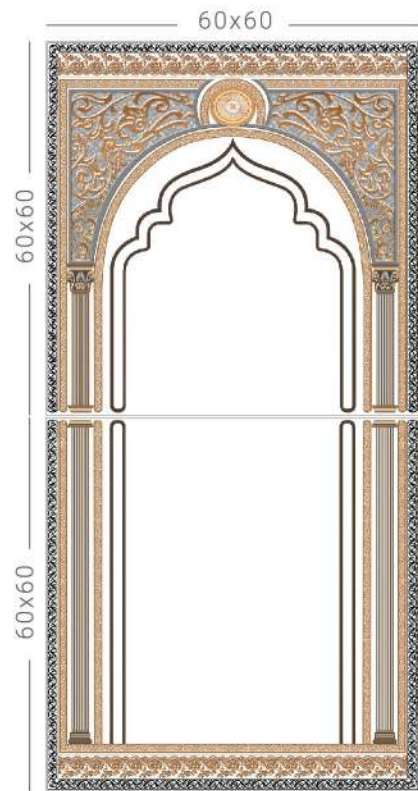
HIGH GLOSSY



NANO MIRROR POLISHED TILES | GLOSSY

Floor | Size: 60x60

NANO MIRROR POLISHED TILES



MGVT 6010 (JAYNAMAZ)

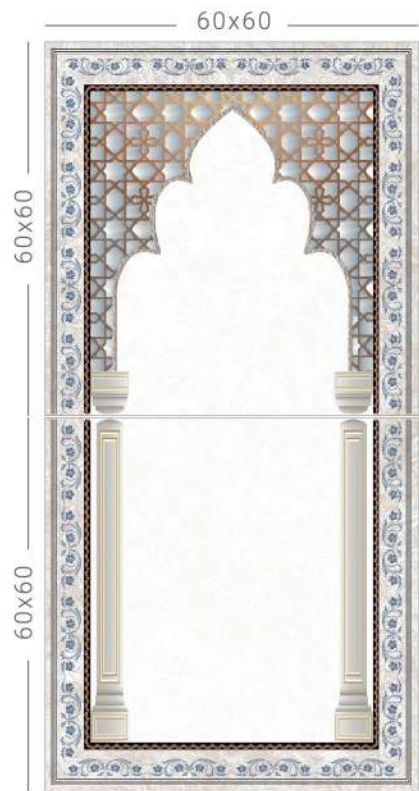


GERMI PROOF TILES

Floor | Size: 60x60

ANTIMICROBIAL TECHNOLOGY

JAYNAMAZ | MATT



MGPJ 6110



Commercial PGVT tiles

Glossy Floor
Size: 60x60 cm



MCPGVT 6301



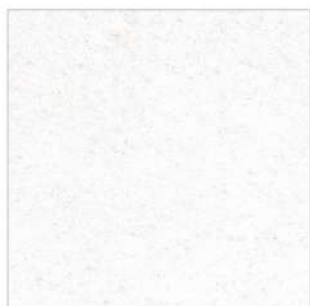
MCPGVT 6302



MCPGVT 6303



MCPGVT 6304



MCPGVT 6305



MCPGVT 6306

Commercial PGVT tiles



GERMI PROOF TILES

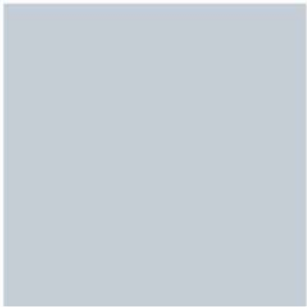
Floor | Size: 60x60



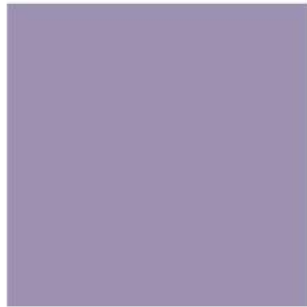
MRGNP 660001 MA



MRGNP 660002 PK

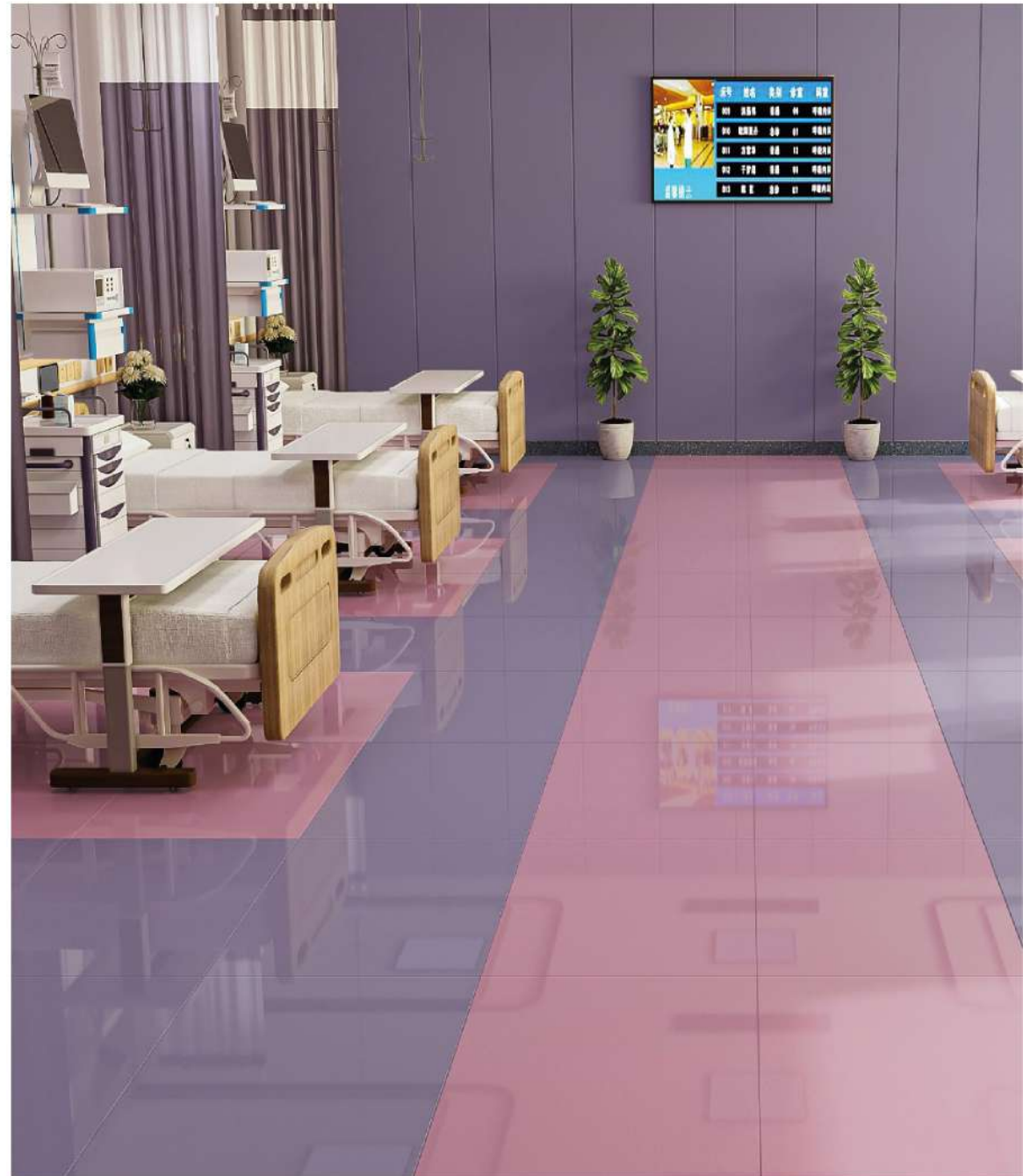


MRGNP 660003 SB



MRGNP 660004 PR

GERMI PROOF TILES



ROYAL WOOD | MATT

Floor | Size: 60x60



MRS 66623

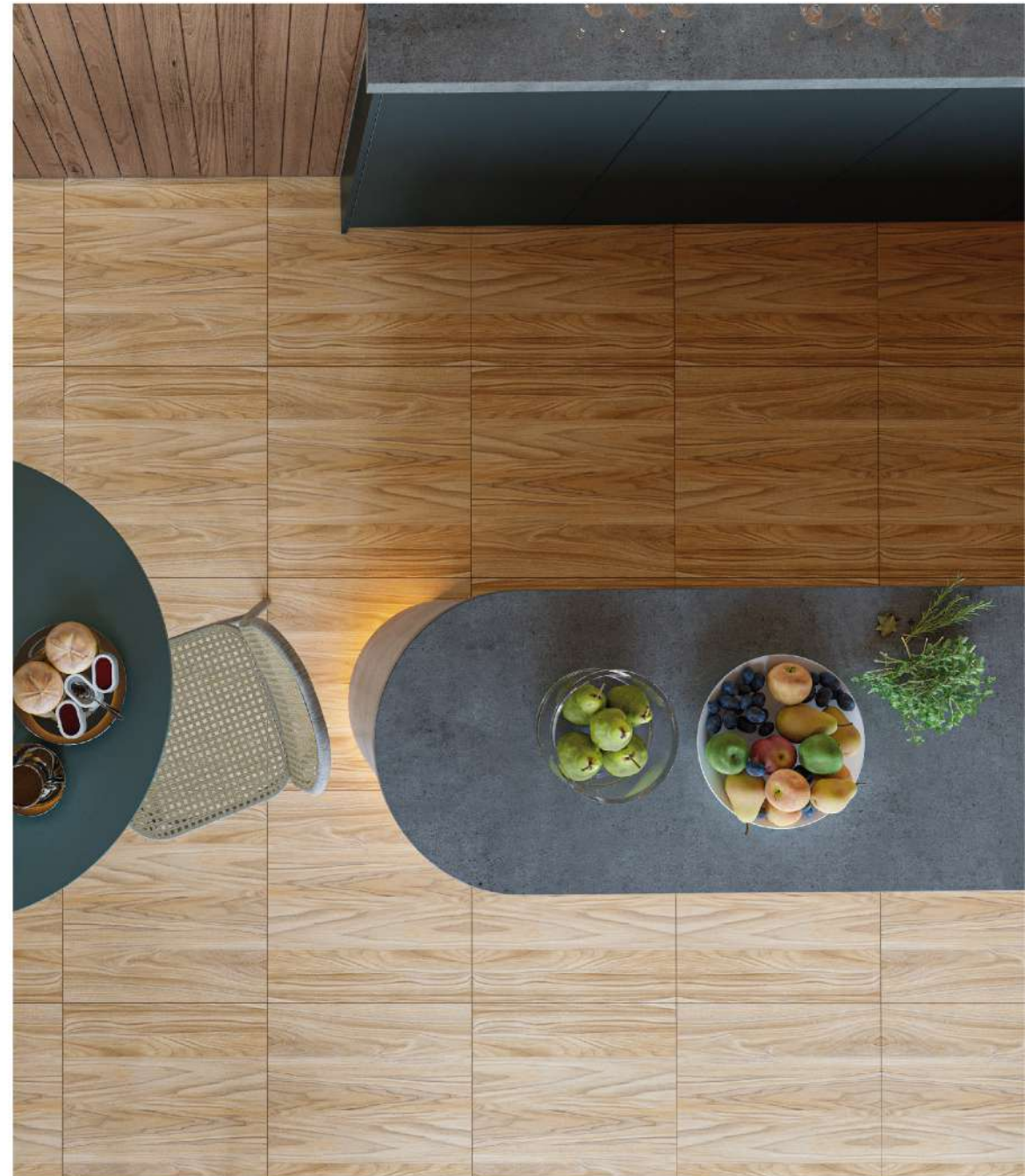


MRS 66624



MRS 66628

ROYAL WOOD



ROYAL PLANK | MATT

Floor | Size: 15x60



MRS 15623



MRS 15624



MRS 15628

ROYAL PLANK



TRANSPARENT GLAZE | GLOSSY

Floor | Size: 40x40



MTG 4052



MTG 4054



MTG 4082



MTG 4083



MTG 4084



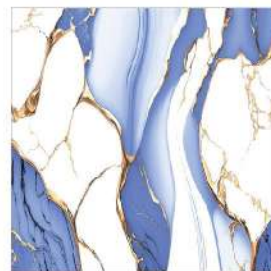
MTG 4085



MTG 4086



MTG 4087



MTG 4088

TRANSPARENT GLAZE



TRANSPARENT GLAZE | GLOSSY

Floor | Size: 40x40



MTG 4089



MTG 4090



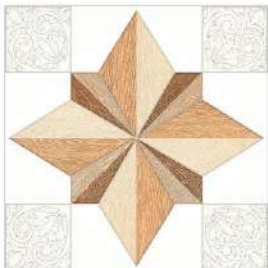
MTG 4091

TRANSPARENT GLAZE



ROBUSTO SLIP SHIELD

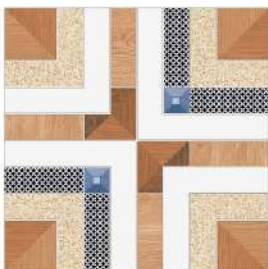
Matt Floor
Size: 40x40 cm



MRSS 4110



MRSS 4111



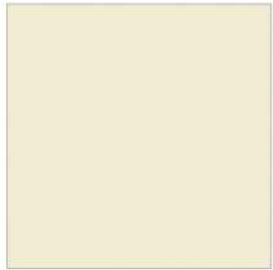
MRSS 4121

ROBUSTO SLIP SHIELD



HOMOGENEOUS

Floor & Stair | Size: 60x60, 40x40, 30x60



MH 4000 N (OFF WHITE)

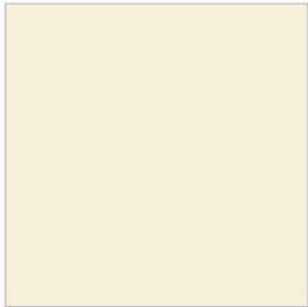


MH 40001 (PINK)



MH 40002 (GREEN)

Size: 60x60

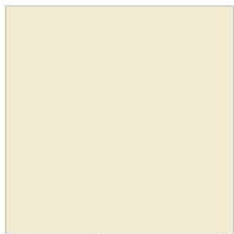


MH 600 (OFF WHITE)

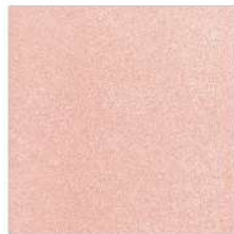
Size: 30x60



MH STP 630 (OFF WHITE)



MH 300 (OFF WHITE)



MH 3002 (PINK)



MH 3003 (GREEN)

HOMOGENEOUS

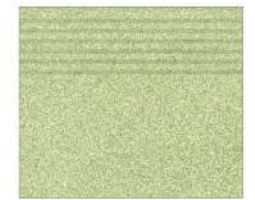
Floor & Stair | Size: 30x30



MH STP 360
(OFF WHITE)



MH STP 362
(PINK)



MH STP 363
(GREEN)



STONE SHIELD | MATT

Floor | Size: 60x60



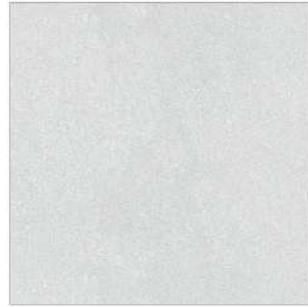
MST 6103



MST 6106



MST 6112



MST 6108

STONE SHIELD



STONE SHIELD STAIR | MATT

Stair| Size: 30x60



MSTP 631



MSTP 632



MSTP 633



MSTP 634



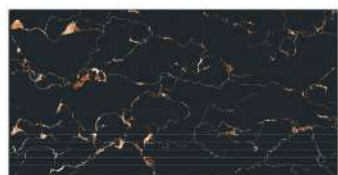
MSTP 661



MSTP 650



MSTP 682



MSTP 619

STONE SHIELD STAIR



STONE SHIELD | MATT

Floor | Size: 40x40



MST 4010



MST 4022



MST 4014



MST 4018



MST 4021

STONE SHIELD



ANTI-SLIP | MATT

Floor | Size: 30x30



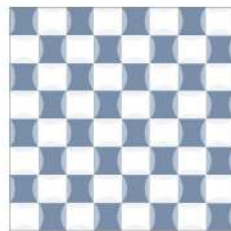
MHDF (AS) 3040



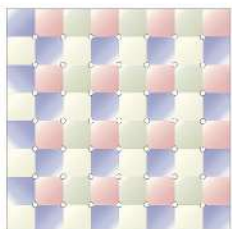
MHDF (AS) 3061



MHDF 3084 (AS)



MHDF (AS) 3095



MHDF (AS) 3096



MHDF (AS) 3551



MHDF (AS) 3554



MHDF (AS) 3555



MHDF (AS) 3556



MHDF (AS) 3642



MHDF (AS) 3643



MHDF (AS) 3022



MHDF (AS) 3023



MHDF (AS) 3641



MHDF (AS) 3645



MHDF (AS) 30608

ANTI-SLIP



MHDF (AS) 30609



OUTDOOR | MATT

Floor | Size: 30x30



MOD 353



MOD 355



MOD 356



MOD 358



MOD 359



MOD 357



MOD 360 R



MOD 361 Y



MOD 362 BK



MOD 365

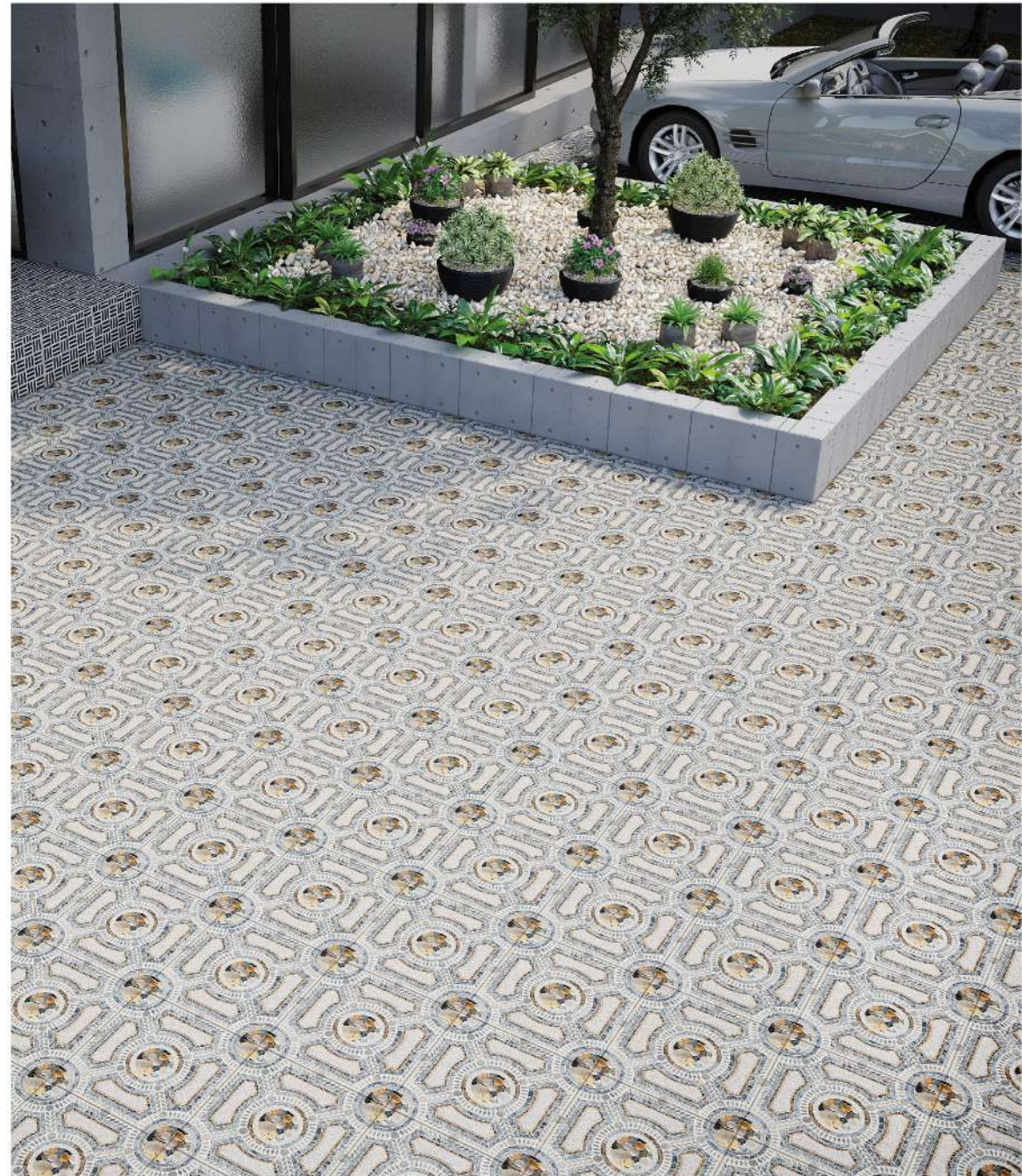


MOD 363



MOD 364

OUTDOOR





WALL TILES

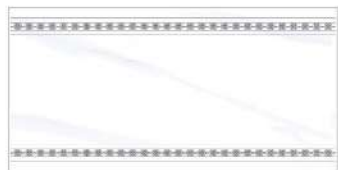
30x60CM | 30x45CM
25x40CM | 20x30CM

PRIMA SERIES | GLOSSY

Size: 30x60



MPS 30607 L



MPS 30608 L



MPS 30607 HL



MPS 30608 HL



MPS 30607 D



MPS 30609 L



MPS 30609 HL

PRIMA SERIES



HD WALL TILES | GLOSSY

Wall | Size: 30x60 | Floor: 30x30



MHDW 3641 L



MHDW 3641 HL



MHDW 3641 D



MHDW 3643 L



MHDW 3643 HL



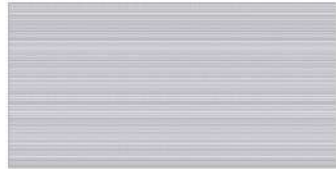
MHDW 3643 D



MHDW 3642 L



MHDW 3642 HL



MHDW 3642 D

HD WALL TILES



HD WALL TILES | GLOSSY

Wall | Size: 30x60 | Floor: 30x30



MHDWN 3644 L



MHDWN 3644 HL



MHDWN 3644 D



MHDWN 3645 L



MHDWN 3645 HL



MHDWN 3645 D

HD WALL TILES



HD WALL TILES | GLOSSY

Wall | Size: 30x60 | Floor: 30x30



MHDW 3608



MHDW 3609



MHDW 3616



MHDW 3630 L



MHDW 3630 HL



MHDW 3630 D

HD WALL TILES



SUGAR RUSTIC SERIES | MATT

Wall | Size: 30x60



MRTW 631 W



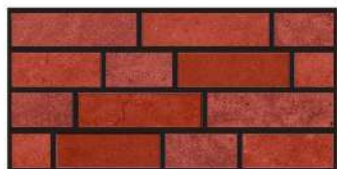
MRTW 632 W



MRTW 635 BRW



MRTW 639 W



MRTW 640 W



MRTW 641 W



MRTW 642 W

SUGAR RUSTIC SERIES



ROYAL SERIES | GLOSSY

Wall: Size: 30x60



MWR5 630001



MWR5 630002



MWR5 630003



MWR5 630004



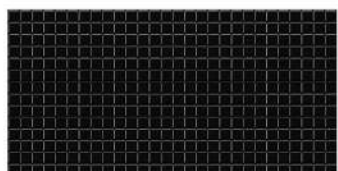
MWR5 630005



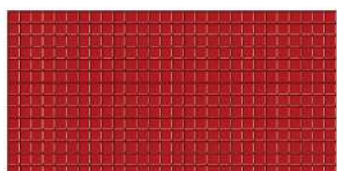
MWR5 630006



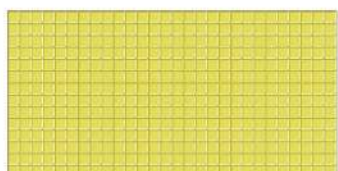
MWR5 630030



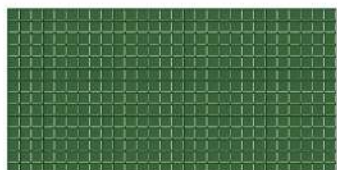
MWR5 630031



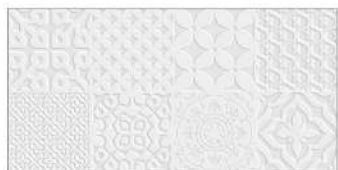
MWR5 630032



MWR5 630033



MWR5 630034



MWR5 630035

ROYAL SERIES | GLOSSY

Wall: Size: 30x60



MWR5 630036



ROCK X | WALL & FLOOR MATCHING TILES

Matt | Wall | Size: 30x60 | Floor: 30x30



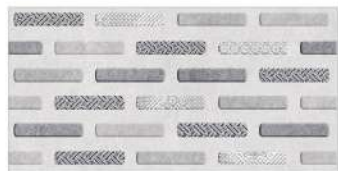
MRS 60301 L



MRS 60305 L



MRS 60301 HL



MRS 60305 HL



MST 30301



MRS 60305 D



MRS 60307 L



MST 30305



MRS 60307 HL



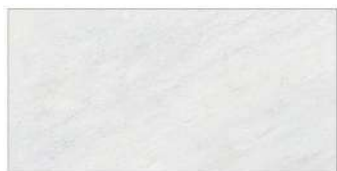
MRS 60307 D

ROCK X



ROCK X | WALL & FLOOR MATCHING TILES

Matt | Wall | Size: 30x60 | Floor: 30x30



MRS 60309 L



MRS 60310 L



MRS 60309 HL



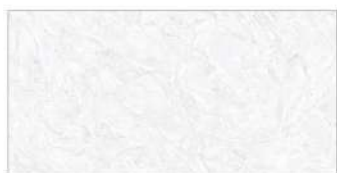
MRS 60310 HL



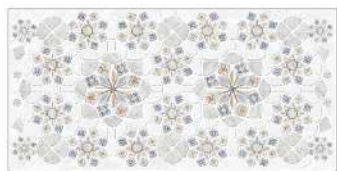
MRS 60309 D



MRS 60310 D



MRS 60311 L



MRS 60311 HL

ROCK X



3D CRYSTAL SERIES

Matt | Wall | Size: 30x60



MGMS 3550 L



MGMS 3550 HL



MGMS 3550 D



MGMS 3553 L



MGMS 3553 HL



MGMS 3553 D



MGMS 3551 L



MGMS 3551 HL



MGMS 3551 D



MGMS 3554 L



MGMS 3554 HL



MGMS 3554 D

3D CRYSTAL SERIES



3D CRYSTAL SERIES

Matt | Wall | Size: 30x60



MGMS 3555 L



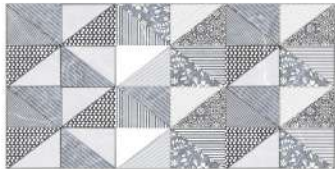
MGMS 3555 HL



MGMS 3555 D



MGMS 3556 L



MGMS 3556 HL



MGMS 3556 D

3D CRYSTAL SERIES



SATIN MATT SERIES

Matt | Wall | Size: 30x60



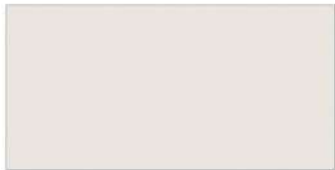
MSM 3501 L



MSM 3501 HL



MSM 3501 D



MSM 3503 L



MSM 3503 HL



MSM 3503 D



MSM 3502 L



MSM 3502 HL 1



MSM 3502 D

SATIN MATT SERIES



HD WALL TILES | GLOSSY

Size: 30x45



MHDW 3084 L



MHDW 3090 L



MHDW 3095 L



MHDW 3084 HL



MHDW 3090 HL



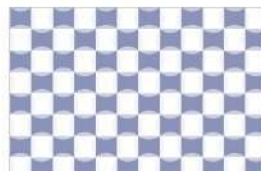
MHDW 3095 HL



MHDW 3084 D



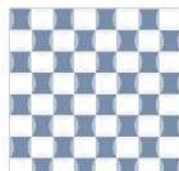
MHDW 3090 D



MHDW 3095 D



MHDF (AS) 3084



MHDF (AS) 3095

HD WALL TILES



HD WALL TILES | GLOSSY

Size: 30x45



MHDW 3037 L



MHDW 3037 HL



MHDW 3037 D



MHDW 3041 L



MHDW 3041 HL



MHDW 3041 D



MHDW 3039 L



MHDW 3039 HL1



MHDW 3039 HL2



MHDW 3039 D



MHDW 3040 L



MHDW 3040 HL



MHDF (AS) 3040



MHDW 3088 L



MHDW 3088 HL



MHDW 3088 HL 2

HD WALL TILES



HD WALL TILES | GLOSSY

Size: 30x45



MHDW 3076 BR



MHDW 3066 BR



MHDW 3085 GY



MHDW 3085 YL



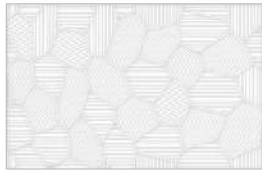
MHDW 3003 DL

HD WALL TILES | GLOSSY



PUNCH WALL TILES | GLOSSY

Size: 30x45



MHDW 3201 L



MHDW 3201 HL



MHDW 3203 L



MHDW 3203 HL



MHDW 3203 D



MHDW 3202 L



MHDW 3202 HL



MHDW 3202 D



MHDW 3205 L

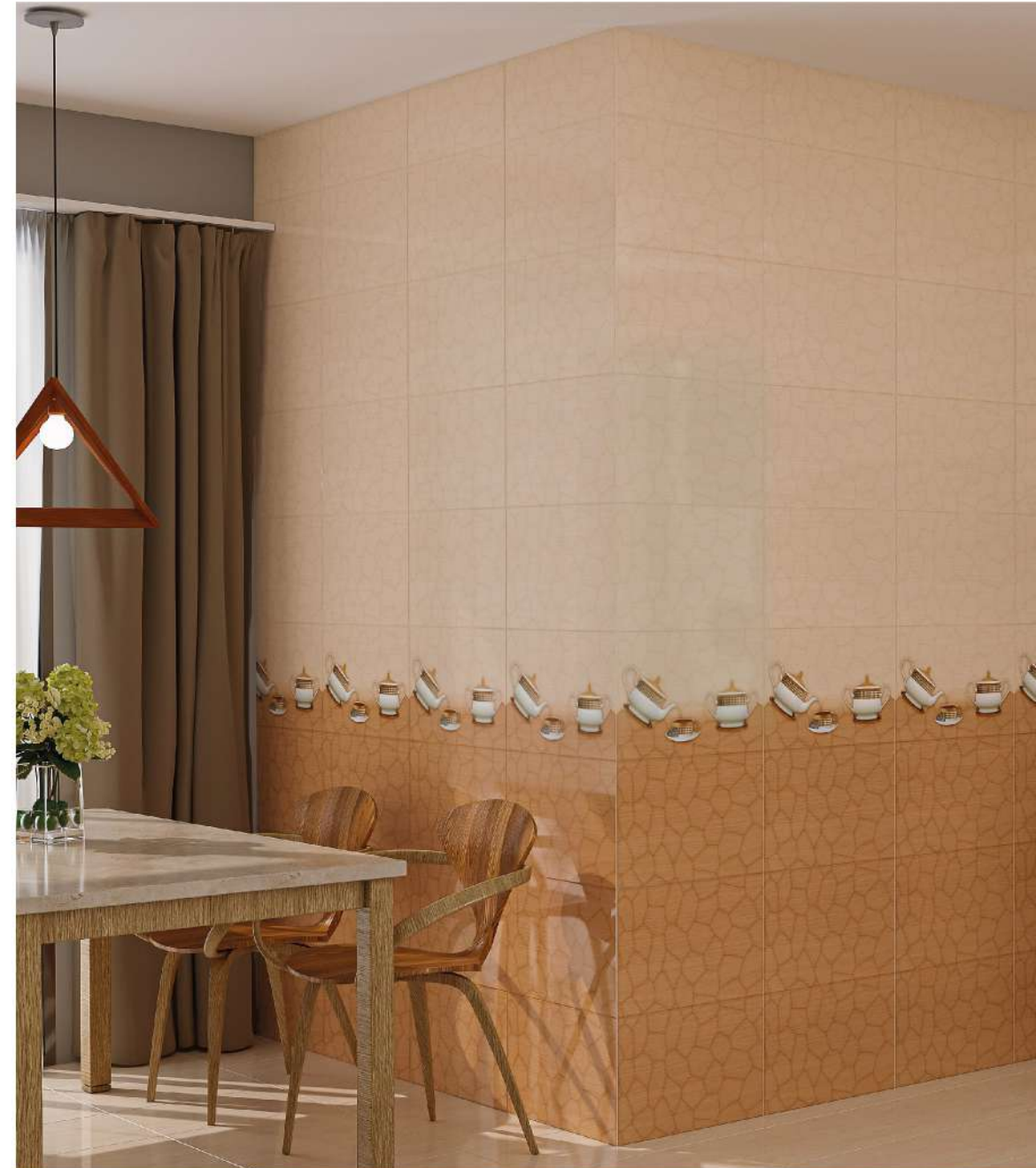


MHDW 3205 HL



MHDW 3205 D

PUNCH WALL TILES | GLOSSY



HD WALL TILES | RUSTIC

Size: 30x45



MRTW 348



MRTW 349



MRTW 354



MRTW 355

HD WALL TILES | RUSTIC



WALL TILES | GLOSSY

Size: 25x40



MHDW 2501 L



MHDW 2502 L



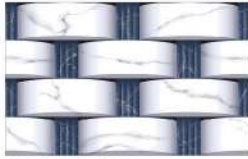
MHDW 2501 D



MHDW 2502 D



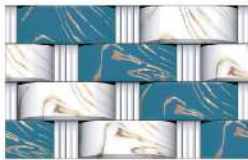
MHDW 2530 (WHITE)



MHDW 2513



MHDW 2510



MHDW 2514



MHDW 2511



MHDW 2566 L



MHDW 2512



MHDW 2566 HL 2

WALL TILES | GLOSSY

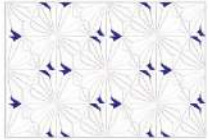


3D PUNCH | GLOSSY

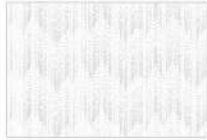
Wall | Size: 20x30



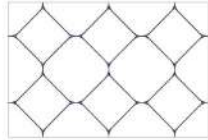
MWD 201 L



MWD 212



MWD 215 L



MWD 222 L



MWD 201 HL2



MWD 215 HL



MWD 222 HL



MWD 201 D



MWD 220 L



MWD 227 L



MWD 228 L



MWD 235 L



MWD 220 HL1



MWD 227 HL1



MWD 228 HL1



MWD 235 HL1



MWD 220 HL2



MWD 227 HL2



MWD 228 HL2



MWD 235 HL2



MWD 220 D



MWD 227 D



MWD 228 D



MWD 235 D

3D PUNCH | GLOSSY



3D PUNCH | GLOSSY

Wall | Size: 20x30



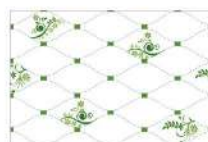
MWD 239 L



MWD 243 L



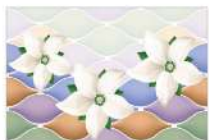
MWD 244 L



MWD 277 L



MWD 239 HL



MWD 243 HL



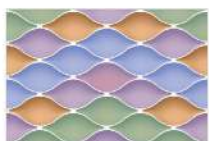
MWD 244 HL



MWD 277 HL



MWD 239 D



MWD 243 D



MWD 244 D



MWD 277 D



MWD 278 L



MWD 2201 L



MWD 2202 L



MWD 2203 L



MWD 278 HL1



MWD 2201 HL



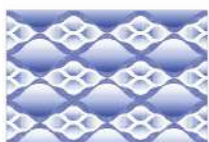
MWD 2202 HL



MWD 2203 HL1



MWD 278 HL2



MWD 2201 D



MWD 2202 D



MWD 2203 HL2



MWD 278 D



MWD 2203 D

SUPER DIGITAL SERIES | GLOSSY

Wall | Size: 20x30



MWD 2204 L



MWD 2205 L



MWD 2206 L



MWD 2207 L



MWD 2204 HL1



MWD 2205 HL



MWD 2206 HL



MWD 2207 HL



MWD 2204 HL2



MWD 2205 D



MWD 2206 D



MWD 2207 D



MWD 2204 D

ANALOG DIGITAL SERIES



ANALOG DIGITAL SERIES | GLOSSY

Wall | Size: 20x30



MW 2029



MW 2030
WHITE



MW 2035 BL



MW 2035 BR



MW 2035



MW 2038 BK



MW 2052



MW 2080 L



MW 2081 L



MW 2080 HL1



MW 2081 HL



MW 2025 GY



MW 2025 BR



MW 2080 HL2



MW 2081 D



MW 2027



MW 2026



MW 2080 D

ROYALSOLIDO | GLOSSY

Wall | Size: 20x30



MRSW 23000



MRSW 23001



MRSW 23002



MRSW 23003



MRSW 23004



MRSW 23005



Technical Specifications & Packaging Details

Nano Mirror Polished Tiles

Work Size		Pieces / Box	Coverage / Box	Weight / Box (Approx.)	Box / Pallet	Coverage / Pallet
Dimensions (in mm)	Thickness (in mm)	(nos)	(sqft)	(kgs)	(nos)	(sqft)
600 x 600	9.9 - 10.2	4	15.50	32.2 ± 0.2	28	434
800 x 800	11.2 - 11.5	2	13.77	33.6 ± 0.2	20	275.4

Conformity of Our tiles to International Standards B IIIa ISO-13006:2012 and Bangladesh Standards IS-15622:2006

Characteristics		Test Method	International Standard	Bangladesh Standard	Our Value
	Deviation in Length & Width	ISO 10545 (Part 2)	Max. ± 0.6%	Max. ± 0.6%	Max. ± 0.2%
	Deviation in Thickness		Max. ± 5.0%	Max. ± 5.0%	Max. ± 4.0%
	Straightness of sides		Max. ± 0.5%	Max. ± 0.5%	Max. ± 0.2%
	Rectangularity		Max. ± 0.6%	Max. ± 0.5%	Max. ± 0.2%
	Surface Flatness		Max. ± 0.5%	Max. ± 0.5%	Max. ± 0.2%
	a. Centre curvature (max.)		Max. ± 0.5%	Max. ± 0.5%	Max. ± 0.2%
	b. Edge curvature (max.)		Max. ± 0.5%	Max. ± 0.5%	Max. ± 0.2%
	c. Diagonal warpage (max.)		Max. ± 0.5%	Max. ± 0.5%	Max. ± 0.2%
	Surface Quality		Min. 95% free from visible defects	Min. 95% free from visible defects	Min. 95% free from visible defects
	Water Absorption		ISO 10545 (Part 3)	E, 0.5% ≤ Individual max. 0.6%	E, 0.5% ≤ Individual max. 0.6%
	Modulus of Rupture in N/mm ²	ISO 10545 (Part 4)	Avg. 35, Individual min. 32	Avg. 35, N/mm ² Individual min. 32	Avg. 38, N/mm ²
	Breaking Strength in N ≥ 7.5 thickness < 7.5 thickness		Min. 1300 Min. 700	Min. 1300 Min. 700	Min. 2000 Min. 1000
	Scratch Hardness (Moh's Scale)	ISO 10545 (Part 2)/EN 101	Not Required	Not Required	Min. 5
	Resistance to Surface Abrasion (of tiles intended for use of Floors)	ISO 10545 (Part 7)	Abrasion class shall be specified by the manufacturer	Abrasion class shall be specified by the manufacturer	PEI Group IV
	Coefficient of Linear Thermal Expansion from ambient temperature to 100 oC (K1)	ISO 10545 (Part 4)	9 x 10 ⁻⁴ k ⁻¹ max.	9 x 10 ⁻⁴ k ⁻¹ max.	7 x 10 ⁻⁴ k ⁻¹ max.
	Thermal Shock Resistance	ISO 10545 (Part 9)	Min. 10 Cycles	Min. 10 Cycles	Passed
	Cracking Resistance	ISO 10545 (Part 11)	4 cycles	4 cycles	Passed
	Frost Resistance	ISO 10545 (Part 12)	No Damage	No Damage	Passed
	Impact Resistance	ISO 10545 (Part 5)	As per Mfg.	As per Mfg.	Min. 0.55
	Resistance to staining	ISO 10545 (Part 14)	Resistance	Resistance	Resistance
	Resistance to household chemicals	ISO 10545 (Part 13)	Class AA min.	Class AA min.	Class AA min.
	Chemical Resistance	ISO 10545 (Part 13)	Required, if Agreed	Required, if Agreed	Resistance to all acids and alkalis (except HF and its compound)
	Small Color Differences	ISO 10545 (Part 16)	Plain coloured tiles only where required GL : ΔE < 1.0	Plain coloured tiles only where required GL : ΔE < 75 , UGL ΔE < 1	As per Mfg.

Technical Specifications & Packaging Details Floor Tiles

Work Size		Pieces / Box	Coverage / Box	Weight / Box (Approx.)	Box / Pattel	Coverage / Pattel
Dimensions (in mm)	Thickness (in mm)	(nos)	(sqft)	(kgs)	(nos)	(sqft)
300 x 300 (Homogeneous)	7.5 - 7.7	16	15.50	24.2 ± 0.1	42	651
300 x 300 (AS)	7.6 - 7.8	16	15.50	24.2 ± 0.1	42	651
400 x 400 (Homogeneous)	8.5 - 8.7	8	13.60	25.0 ± 0.1	56	761.6
400 x 400 (TG)	8.6 - 8.8	8	13.60	26.5 ± 0.1	56	761.6
600 x 600 (Homogeneous)	9.7 - 10.0	4	15.50	34.0 ± 0.2	28	434
260 x 300 (Stair)	7.6 - 7.8	19	15.50	25.5 ± 0.1	36	558
300 x 600 (Stair)	9.7 - 10.0	8	15.50	31.2 ± 0.1	32	496

Conformity of Our tiles to International Standards B IIIa ISO-13006:2012 and Bangladesh Standards IS-15622:2006

Characteristics		Test Method	International Standard	Bangladesh Standard	Our Value
	Deviation in Length & Width	ISO 10545 (Part 2)	Max. ± 0.6%	Max. ± 0.5%	Max. ± 0.3%
<small>a. The deviation in percent of the average size of each tile (2 or 4 sides) from the work size (M)</small>					
<small>b. The deviation in percent of the average size of each tile (2 or 4 sides) from the average size of the 10 test specimen (20 or 40 sides)</small>					
	Deviation in Thickness		Max. ± 0.5%	Max. ± 0.5%	Max. ± 0.4%
	Deviation in Straightness of sides		Max. ± 0.5%	Max. ± 0.3%	Max. ± 0.2%
	Deviation in Rectangularity		Max. ± 0.6%	Max. ± 0.3%	Max. ± 0.4%
	Surface Flatness				
	a. Centre curvature (max.)		Max. ± 0.5%	Max. ± 0.5%	Max. ± 0.2%
	b. Edge curvature (max.)		Max. ± 0.5%	Max. ± 0.5%	Max. ± 0.2%
	c. Diagonal warpage (max.)		Max. ± 0.5%	Max. ± 0.5%	Max. ± 0.3%
	Surface Quality	Min. 95% free from visible defects	Min. 95% free from visible defects	Min. 95% free from visible defects	
	Water Absorption	ISO 10545 (Part 3)	< 3.0%	< 3.0%	< 0.8%
	Scratch Hardness (Moh's Scale)	ISO 10545 (Part 2)/ EN 101	Not Required	Not Required	Min. 5
	Abrasion Resistance	ISO 10545 (Part 7)	Manufacturer to state abrasion class	Manufacturer to state abrasion class	PEI 3-4
	Crazing Resistance	ISO 10545 (Part 11)	Required	Min. 4 cycles @7.5 bar min.	Resistance
	Chemical Resistance	ISO 10545 (Part 13)	Required, if Agreed	Required, if Agreed	Resistance to all acids and alkalis (except HF and its compound)
	Modulus of rupture in N/mm ²	ISO 10545 (Part 4)	Avg. 32, Individual min. 30	Avg. 30, Individual min. 30	Avg. 35, Individual min. 32
	Thermal Shock Resistance	ISO 10545 (Part 9)	Required	Min. 10 Cycles	Min. 10 Cycles
	Resistance to household chemicals	ISO 10545 (Part 13)	Class AA min.	Class AA min.	Class AA min.
	Resistance to staining	ISO 10545 (Part 14)	Class 1 min.	Class 1 min.	Class 1 min.
	Visual Inspection				The Tiles are Rectangular / Square in shape. Flat and free from flaws and other manufacturing defects.

Technical Specifications & Packaging Details Stone Shield

Work Size		Pieces / Box	Coverage / Box	Weight / Box (Approx.)	Box / Pattel	Coverage / Pattel
Dimensions (in mm)	Thickness (in mm)	(nos)	(sqft)	(kgs)	(nos)	(sqft)
300 x 300	7.5 - 7.8	16	15.50	24.2 ± 0.1	42	651
400 x 400	10.3 - 10.5	8	13.60	30.8 ± 0.1	48	652.8
600 x 600	10.0 - 10.2	4	15.50	32.2 ± 0.2	28	434
















Conformity of Our tiles to International Standards B IIIa ISO-13006:2012 and Bangladesh Standards IS-15622:2006

Characteristics		Test Method	International Standard	Bangladesh Standard	Our Value
	Deviation in Length & Width	ISO 10545 (Part 2)	Max. ± 0.6%	Max. ± 0.6%	Max. ± 0.20%
	Deviation in Thickness		Max. ± 5.0%	Max. ± 5.0%	Max. ± 4.0%
	Straightness of sides		Max. ± 0.5%	Max. ± 0.5%	Max. ± 0.20%
	Rectangularity		Max. ± 0.60%	Max. ± 0.60%	Max. ± 0.20%
	Surface Flatness		Max. ± 0.50%	Max. ± 0.15%	Max. ± 0.20%
	Water Absorption			< 0.5, Max. 0.6	< 0.5, Max. 0.6
	Apparent density	DIN 51082	> 2.0 gm/cc	> 2.0 gm/cc	> 2.2 gm/cc
	Modulus of Rupture in N/mm ²	ISO 10545 (Part 4)	Min. 35 N/mm ²	Min. 35 N/mm ²	Min. 40 N/mm ²
	Breaking Strength		Min. 1300 N	Min. 1300 N	Min. 3000 N
	Impact Resistance	ISO 10545 (Part 5)	As per Mfg.	Min. 0.55	Min. 0.55
	Surface abrasion Resistance	ISO 10545 (Part 7)	As per Mfg.	As per Mfg.	PEI V+ (50000+ revolution passed)
	Moh's hardness	ISO 10545 (Part 2 /EN 101	Min. 5	Min. 5	Min. 8
	Frost Resistance	ISO 10545 (Part 12)	No Damage	No Damage	No Damage
	Thermal Shock Resistance	ISO 10545 (Part 9)	No Damage	No Damage	No Damage
	Thermal expansion (COE)	ISO 10545 (Part 8)	Max. 9.0 x 10 ⁻⁶	Max. 9.0 x 10 ⁻⁶	Max. 6.5 x 10 ⁻⁶
	Crazing Resistance	ISO 10545 (Part 11)	4 Cycles	4 Cycles	Resistance
	Chemical Resistance	ISO 10545 (Part 13)	No Damage	No Damage	No Damage / No Damage
	Stain Resistance	ISO 10545 (Part 14)	Resistance	Resistance	Resistance / Resistance

Technical Specifications & Packaging Details Royal Plank

Work Size	Pieces / Box	Box Weight (in Kgs)	Quantity in a Box (Sqm)
15X60	10	Approx. 19.5	0.9sqm









Conformity of Our tiles to International Standards B IIIa ISO-13006:2012 and Bangladesh Standards IS-15622:2006

Test Description		Test Method	International Standard	Our Standard
	Deviation in Length & Width	ISO 10545-2	± 0.5%	± 0.4%
	Deviation in Thickness		± 5%	± .4%
	Straightness of sides		± 0.5%	± 0.3%
	Rectangularity		± 0.6%	± 0.4%
	Surface Flatness (Curve)		± 0.5%	± 0.3%
	Water Absorption	ISO 10545-3	< 0.5%	< 0.5%
	Modulus of Rupture	ISO 10545-4	Min. 27N/mm ²	Min. 35N/mm ²
	Moisture Expansion	ISO 10545-10	0.04	0.02
	Moh's Hardness	EN 101	Min. 3	Min. 5
	Thermal expansion	ISO 10545-8	9x10 ⁻⁶ K ⁻¹ max.	8x10 ⁻⁶ K ⁻¹ max.
	Thermal Shock Resistance	ISO 10545-9	10cycle min.	Passed
	Crazing Resistance (Glazed)	ISO 10545-11	4cycle@ 7.5bar min.	Passed
	Chemical Resistance	ISO 10545-13	Min. Class AA	Min. Class AA
	Frost Resistance	ISO 10545-12	No Damage	No Damage
	Stain Resistance	ISO 10545-14	Min. Class-1	Min. Class-1

Technical Specifications & Packaging Details Parking Tiles

Work Size		Pieces / Box	Coverage / Box	Weight / Box (Approx.)	Box / Pallet	Coverage / Pallet
Dimensions (in mm)	Thickness (in mm)	(nos)	(sqft)	(kgs)	(nos)	(sqft)
300 x 300	12.1 - 12.4	8	7.74	19.4 ± 0.1	54	417.96

Conformity of Our tiles to International Standards B IIIa ISO-13006:2012 and Bangladesh Standards IS-15622:2006

Characteristics		Test Method	International Standard	Bangladesh Standard	Our Value
	Deviation in Length & Width	ISO 10545 (Part 2)	Max. ± 0.6%	Max. ± 0.5%	Max. ± 0.2%
	Deviation in Thickness		Max. ± 0.5%	Max. ± 0.4%	Max. ± 0.4%
	Straightness of sides		Max. ± 0.5%	Max. ± 0.5%	Max. ± 0.2%
	Rectangularity		Max. ± 0.6%	Max. ± 0.5%	Max. ± 0.2%
	Surface Flatness (%)		Max. ± 0.5%	Max. ± 0.5%	Max. ± 0.3%
	Surface Quality		Min. 95% free from visible defects	Min. 95% free from visible defects	Min. 95% free from visible defects
	Water Absorption	ISO 10545 (Part 3)	< 3.0%	< 3.0%	< 0.5%
	Scratch Hardness (Moh's Scale)	ISO 10545 (Part 2)/EN 101	Not Required	Not Required	Min. 5
	Breaking Strength (N)	ISO 10545 (Part 4)	Thickness ≥ 7.5 mm 1300 min.	1500 min.	2500 min.
	Modulus of Rupture N/mm ²	ISO 10545 (Part 4)	Avg. 30, Individual min. 28	Avg. 30, Individual min. 28	Avg. 35, Individual min. 32
	Resistance to Surface Abrasion	ISO 10545 (Part 7)	Manufacturer to state abrasion class	Manufacturer to state abrasion class	PEI 4
	Crazing Resistance	ISO 10545 (Part 11)	Required	Min. 4 cycles @7.5 bar min.	Resistance
	Chemical Resistance	ISO 10545 (Part 13)	Required, if Agreed	Required, if Agreed	Resistance to all acids and alkalis (except HF and its Compound)
	Moisture Expansion	ISO 10545 (Part 10)	Nil	Nil	Nil
	Thermal Shock	ISO 10545 (Part 9)	No Damage	No Damage	No Damage
	Visual Inspection				The Tiles are Rectangular / Square in shape. Flat and free from flaws and other manufacturing defects.

Technical Specifications & Packaging Details Outdoor Tiles

Work Size		Pieces / Box	Coverage / Box	Weight / Box (Approx.)	Box / Pattel	Coverage / Pallet
Dimensions (in mm)	Thickness (in mm)	(nos)	(sqft)	(kgs)	(nos)	(sqft)
300 x 300	9.6	10	9.68	19.25	54	522.72













Conformity of Our tiles to International Standards B IIIa ISO-13006:2012 and Bangladesh Standards IS-15622:2006

Characteristics		Test Method	International Standard	Bangladesh Standard	Our Value
	Deviation in Length & Width	EN 98.EN ISO 10545-2	± 0.5%	Max. ± 0.5%	± 0.4%
	Deviation in Thickness		± 5%	Max. ± 0.4%	± 0.4%
	Straightness of sides		± 0.5%	Max. ± 0.5%	± 0.2%
	Rectangularity		± 0.6%	Max. ± 0.5%	± 0.4%
	Surface Flatness (%)		± 0.5%	Max. ± 0.5%	± 0.2%
	Surface Quality			Min. 95% free from visible defects	
	Water Absorption	EN 98.EN ISO 10545-3	< 0.5%	< 3.0%	< 0.5%
	Scratch Hardness (Moh's Scale)	EN 101	3	Not Required	5 above
	Breaking Strength (N)	EN 98.EN ISO 10545-4	≥ 1300N	1500 min.	≥ 1400N
	Modulus of Rupture N/mm ²	EN 98.EN ISO 10545-4	27 N / mm ²	Avg. 30, Individual min. 28	± 40 N / mm ²
	Resistance to Surface Abrasion	EN 98.EN ISO 10545-7	Manufacturer to state abrasion class	Manufacturer to state abrasion class	N/A
	Crazing Resistance	EN 98.EN ISO 10545-11	No Crazing	Min. 4 cycles @7.5 bar min.	No Crazing
	Chemical Resistance	EN 98.EN ISO 10545-13	No Damage	Required, if Agreed.	No Damage
	Moisture Expansion	EN 98.EN ISO 10545-10	As Per Manufacturer	Nil	
	Thermal Shock	EN 98.EN ISO 10545-9	No Damage	No Damage	No Damage
	Visual Inspection				The tiles are rectangular in shape flat & free form flows & Other manufacturing Defects

Technical Specifications & Packaging Details Wall Tiles

Work Size		Pieces / Box	Coverage / Box	Weight / Box (Approx.)	Box / Pattel	Coverage / Pallet
Dimensions (in mm)	Thickness (in mm)	(nos)	(sqft)	(kgs)	(nos)	(sqft)
200 x 300	7.2 - 7.4	25	16.00	18.9 ± 0.1	48	768
250 x 400	8.0 - 8.2	10	10.76	14.2 ± 0.1	48	516.48
300 x 450	9.0 - 9.2	08	11.3333	16.2 ± 0.1	48	543.9984
300 x 600	9.9 - 10.2	06	11.33	19.8 ± 0.1	40	453.2

Conformity of Our tiles to International Standards B IIIa ISO-13006:2012 and Bangladesh Standards IS-15622:2006

















Characteristics		Test Method	International Standard	Bangladesh Standard	Our Value
	Deviation in Length & Width	ISO 10545 (Part 2)	Max±0.5%	Max±0.5%	Max. ± 0.3%
	Deviation in Thickness	ISO 10545 (Part 2)	Max±0.5%	Max±0.4%	Max. ± 0.4%
	Surface Flatness (Warpage)	ISO 10545 (Part 2)	Max±0.5%	Max±0.4%	Max. ± 0.4%
	Rectangularity (Squareness)	ISO 10545 (Part 2)	Max±0.5%	Max±0.5%	Max. ± 0.45%
	Surface Quality	ISO 10545 (Part 2)	95% free from visible defects.	95% free from visible defects.	95% free from visible defects.
	Scratch Hardness of Surface (Mohs)	ISO 10545 (Part 2)	Min. 3	Min. 3	Min. 3
	Water Absorption	ISO 10545 (Part 3)	>15%	>15%	15<18%
	Crazing Resistance	ISO 10545 (Part 11)	Required	Min. 4 cycles @7.5 bar	Min. 4 cycles @ 7.5 bar
	Chemical Resistance	ISO 10545 (Part 13)	No Damage	No Damage	No Damage
	Modulus of Rupture in N/mm ²	ISO 10545 (Part 4)	Min. 150 kg/cm2	Min 150 kg/cm2	Min. 160 kg/cm2
	Thermal Shock Resistance	ISO 10545 (Part 9)	No Damage	No Damage	No Damage
	Visual Inspection				The Tiles are Rectangular / Square in shape, Flat and free from flows and other manufacturing defects.

Technical Specifications & Packaging Details

ROCK X | Wall Tiles

Work Size		Pieces / Box	Coverage / Box	Weight / Box (Approx.)	Box / Pallet	Coverage / Pallet
Dimensions (in mm)	Thickness (in mm)	(nos)	(sqft)	(kgs)	(nos)	(sqft)
300 x 600	8.0 - 8.2	5	9.68	15.0 ± 0.1	56	542.08

Conformity of Our tiles to International Standards B IIIa ISO-13006:2012 and Bangladesh Standards IS-15622:2006

Characteristics	Test Method	International Standard	Bangladesh Standard	Our Value
 Deviation in Length & Width	ISO 10545 (Part 2)	Max. ± 0.6%	Max. ± 0.5%	Max. ± 0.3%
a. The deviation in percent of the average size of each tile (2 or 4 sides) from the work size (W)		Max. ± 0.5%	Max. ± 0.5%	Max. ± 0.3%
b. The deviation in percent of the average size of each tile (2 or 4 sides) from the average size of the 10 test specimen (20 or 40 sides)		Max. ± 0.5%	Max. ± 0.5%	Max. ± 0.4%
 Deviation in Thickness		Max. ± 0.5%	Max. ± 0.3%	Max. ± 0.2%
 Deviation in Straightness of sides		Max. ± 0.6%	Max. ± 0.3%	Max. ± 0.4%
 Deviation in Rectangularity				
 Surface Flatness				
a. Centre curvature (max.)		Max. ± 0.5%	Max. ± 0.5%	Max. ± 0.2%
b. Edge curvature (max.)		Max. ± 0.5%	Max. ± 0.5%	Max. ± 0.2%
c. diagonal warpage (max.)		Max. ± 0.5%	Max. ± 0.5%	Max. ± 0.3%
 Surface Quality		Min. 95% free from visible defects	Min. 95% free from visible defects	Min. 95% free from visible defects
 Water Absorption	ISO 10545 (Part 3)	< 3.0%	< 3.0%	< 0.5%
 Scratch Hardness (Moh's Scale)	ISO 10545 (Part 2)/ EN 101	Min. 5	Min. 5	Min. 6
 Abrasion Resistance	ISO 10545 (Part 7)	Manufacturer to state abrasion class	Manufacturer to state abrasion class	PEI 4
 Cracking Resistance	ISO 10545 (Part 11)	Min. 4 cycles @7.5 bar min.	Min. 4 cycles @7.5 bar min.	Passed
 Chemical Resistance	ISO 10545 (Part 13)	Required, if Agreed	Required, if Agreed	Resistance to all acids and alkalis (except HF and its compound)
 Modulus of Rupture in N/mm ²	ISO 10545 (Part 4)	Avg. 32, Individual min. 30	Avg. 32, Individual min. 30	Avg. 32, Individual min. 30
 Thermal Shock Resistance	ISO 10545 (Part 9)	Required	Min. 10 Cycles	Min. 10 Cycles
 Resistance to household chemicals	ISO 10545 (Part 13)	Class AA min.	Class AA min.	Class AA min.
 Resistance to staining	ISO 10545 (Part 14)	Class 1 min.	Class 1 min.	Class 1 min.
 Visual Inspection				The Tiles are Rectangular / Square in shape, Flat and free from flaws and other manufacturing defects.