

Size: w-5.25" x H-10"

Promise of Perfection





From 2019 to 2022, Akij Ceramics has won the prestigious **Best Brand Award** consecutively. Bangladesh Brand Forum and Nielsen Bangladesh have been finding Akij Ceramics the number one brand in Ceramic Tiles Category for four years. Akij Ceramics also has been recognized by the award from the world's largest independent arbiter of branding, **Superbrands**, for 2023 and 2024.

And these achievements are inspiring us to continue making the best quality products humanly possible and with the pride of achieving the ultimate best.

Redefining The Art of Tiles

Since the beginning of Akij Ceramics' journey in 2012, rather than just creating tiles, it has been an effort to implement aesthetic development in lifestyle and a philosophy of pursuing perfection. Hard work and dedication has enabled Akij Ceramics to acquire a leading position in the Tiles industry of Bangladesh.

Starting with a production capacity of 20,000 square meter tiles per day, the growing demand of the market has led Akij Ceramics to produce 69,500 square meter tiles per day.

State-of-the-art technology combined with the superior brains in the tiles industry have brought beautifully crafted wall and floor tiles to existence. Mirror Polished, Rustic, Satin Matt tiles and many more textures continued to give the consumers the experience of a lifetime. The consumers have been empowered not only with the best designs and various sizes, but also with impeccable durability that has become the market standard since.

Using the latest European technologies in its facilities, Akij Ceramics is working relentlessly to minimize its carbon footprint. Crafting the experience of a lifetime every day, Akij Ceramics is developing continuously with an unquenched thirst to remain the best in the tiles industry and to provide you with the very best.

Size: w-5.25" x H-10"

WALL TILES

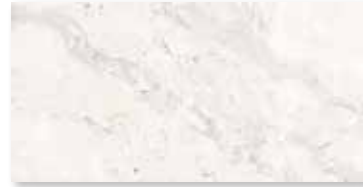


Size: w-5.25" x H-10"



AKIJ CERAMICS

30x60 cm | Glossy | WALL TILES



6024 LBE
D 6024
6024 DBE

6019 LBE
D 6019
6019 DBE



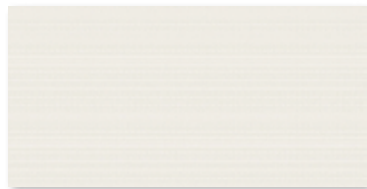
D 6017 1
D 6017 2
6017 LP

6020 LG
D 6020
6020 DG

Size: w-5.25" x H-10"

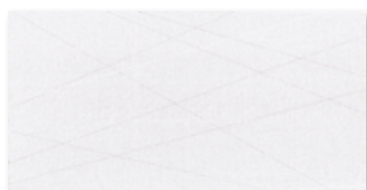
AKIJ CERAMICS

30x60 cm | Glossy | WALL TILES



6018 LBR
D 6018 2
D 6018 1
6018 DBR

6007 LBR
D 6007 LBR 3
D 6007 LBR 2
6007 DBR



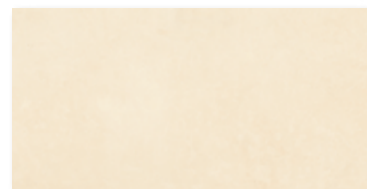
6001 BL
6001 GR



6021 LBL
D 6021
6021 DBL

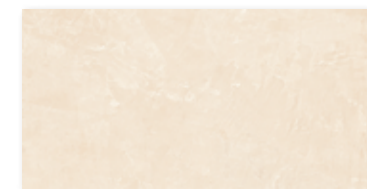
ESPACIO+

30x60 cm | Porcelain Matt | WALL & FLOOR TILES



9RP 06 BE
9RP 07 DGR

9SM 04 LBR 10
9SM 04 DBR 10

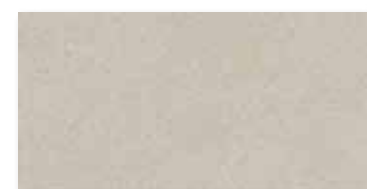
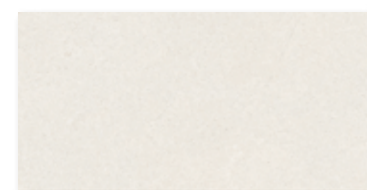


9SM 01 LG 10
9SM 01 DG 10

9SM 02 LBR 10
9SM 02 DBR 10



9SM 01 LG STP 10



9SM 03 LG 10
9SM 03 DG 10

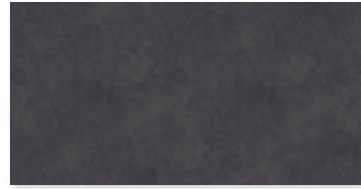


9SM 03 LG STP 10
9SM 03 DG STP 10

Size: w-5.25" x H-10"

ESPACIO⁺

30x60 cm | Porcelain Matt | WALL & FLOOR TILES



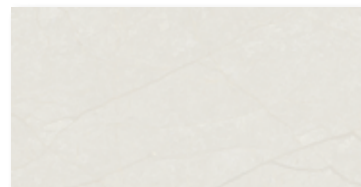
9RS 11GR 10
9RS 11GR STP 10

9SM 07 BK 10
9SM 07 BK STP 10



9 SM 08 LG P1 (RANDOM)

9 SM 08 LG P2 (RANDOM)



9 SM 08 LG P3 (RANDOM)

9 SM 08 LG P4 (RANDOM)



9 SM 08 DG P1 (RANDOM)

9 SM 08 DG P2 (RANDOM)



9 SM 08 DG P3 (RANDOM)

9 SM 08 DG P4 (RANDOM)

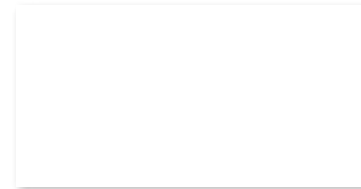


9RS 12 DGRK 10

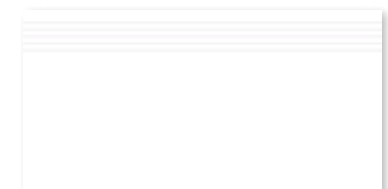
9RS 12 DGRK STP 10

ESPACIO⁺

30x60 cm | Porcelain Matt | WALL & FLOOR TILES

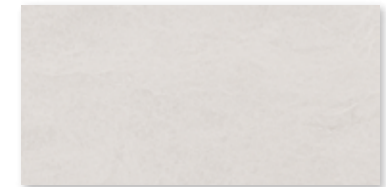
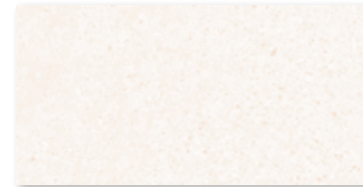


9H 101 10



9H 101 STP 10

30x60 cm | Porcelain Matt | ROCKER TILES



9 RK 01 LBE
9D RK 01
9 RK 01 DBE

9 RK 05 LGR
9D RK 05
9 RK 05 DGR



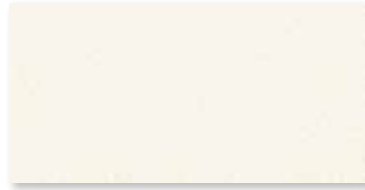
9 RK 06 LGR
9D RK 06 MG
9 RK 06 DGR

9RK 04 LBE
9D RK 04
9RK 04 DBE

Size: w-5.25" x H-10"

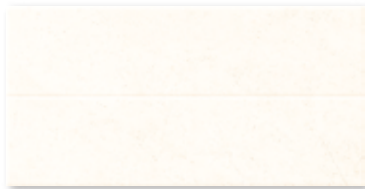
ESPACIO⁺

30x60 cm | Sugar | PORCELAIN WALL TILES



9SG 04 LGR (Upcoming)
9D SG 04 MG
9SG 04 DGR

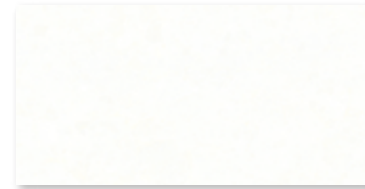
9SG 05 LBE (Upcoming)
9D SG 05 MG
9SG 05 DBE



9SG 01 LBR
9D SG 01
9SG 01 DBR

9SG 02 LBE
9D SG 02
9SG 02 DBE

30x60 cm | Sugar | PORCELAIN WALL TILES



9SG 03 LGR
9D SG 03
9SG 03 DGR

VANITA

30x60 cm | Granula | WALL TILES

The name VANITA is an Italian word, meaning grace and refinement. This premium range of kitchen and bathroom wall tiles reflects refinement and flair of our customers' lifestyle in its exquisite and elegant designs.

Ambience can't be shaded more glittering than Granula. Akij Ceramics is the only company in Bangladesh that has come up with such light catching aesthetic - The Granula. Yielding pre-eminent sugar glazing attributes, Akij Ceramics lays out every tone of color into it. There the everyday life finds unlimited range of decorations.



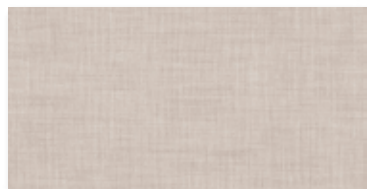
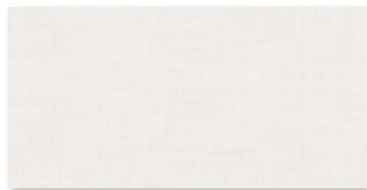
ASTER ROSA LT
ASTER ROSA DR
ASTER ROSA DK

CRYSTAL GRIS LT
CRYSTAL GRIS DR
CRYSTAL GRIS DK

Size: w-5.25" x H-10"

 VANITA

30x60 cm | Granula | WALL TILES



GALAXY GRIS LT
GALAXY GRIS DR
GALAXY GRIS DK

CRYSTAL AZUL LT
CRYSTAL AZUL DR
CRYSTAL AZUL DK

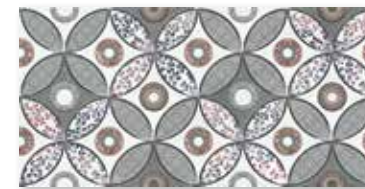


CELESTIAL SEPIA LT G1
CELESTIAL SEPIA DR G1
CELESTIAL SEPIA DK G1

CELESTIAL CINDER LT G1
CELESTIAL CINDER DR G1
CELESTIAL CINDER DK G1

 VANITA

30x60 cm | Granula | WALL TILES



VINTAGE ROYAL LT G1
VINTAGE ROYAL DR G1
VINTAGE ROYAL DK G1

MOROCCO GRIS LT G1
MOROCCO GRIS DR G1
MOROCCO GRIS DK G1

30x60 cm | Glossy | WALL TILES



V 30630 LBE
VD 30630
V 30630 DBE

V 30632 LBR
VD 30632
V 30632 DBR

Size: w-5.25" x H-10"

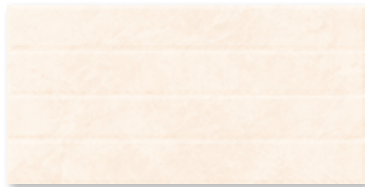
 VANITA

30x60 cm | Glossy | WALL TILES



V 30628 LBE
VD 30628 2
V 30628 DBE

V 30618 LBE
VD 30618 02
V 30618 DBE

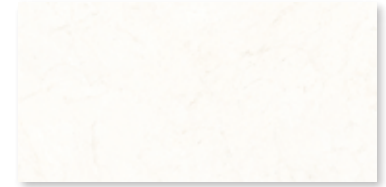


V 30625 LBR
VD 30625
V 30625 DBR

V 30611 LBE
VD 30611 LBE 2
V 30611 DBE

 VANITA

30x60 cm | Glossy | WALL TILES



V 30609 LBE
VD 30609 LBE 2
V 30609 DBE



V 30607 BE
VD 30607 BE 2
VD 30607 BE 3
V 30607 DBE

30x60 cm | Matt | WALL TILES



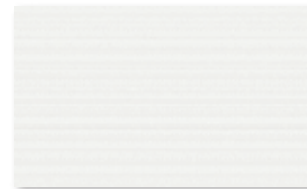
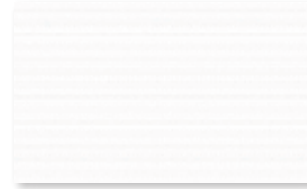
V MT 30616 LBE
VD MT 30616
V MT 30616 DBE

Size: w-5.25" x H-10"



 **AKIJ CERAMICS**

30x50 cm | Glossy | WALL TILES



5002 LBE
D 5002 LBE
5002 DBE

5015 LG
D 5015
5015 DBE



5000



5017 LBR
D 5017
5017 DBR



5018 LBE
D 2 5018
5018 DBE

Size: w-5.25" x H-10"

 VANITA

30x50 cm | Glossy | WALL TILES



V 30518 LP
VD 30518
V 30518 DP

V 30519 LBE
VD 30519 1
V 30519 DBE



V 30520 LBE
VD 30520 1
V 30520 DBE

V 30513 LBR
VD 30513 1
VD 30513 2
V 30513 DBR

 VANITA

30x50 cm | Glossy | WALL TILES



V 30515 LGR
VD 30515
V 30515 DGR

30x50 cm |  | WALL TILES



V SG 30501 BE
VD SG 30501 BE 1



V SG 3050 4 LGR
VD SG 3050 4
V SG 3050 4 DGR

Size: w-5.25" x H-10"

 VANITA

30x50 cm | *Sugar* | WALL TILES

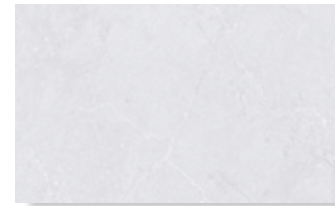
Impeccable finesse and exquisite surface beauty define the Sugar Finish tiles. The unique touch of stability and sense of fashion make the already dynamic sugar finish tiles stand out in the crowd. These vitrified tiles are more scratch resistant than regular tiles. Adding definition to a space, they change its entire look to your liking. Created with the combination of royal essence and contemporary elegance, the Sugar Finish tiles are best suited for living rooms, bedrooms and lavish office spaces.



VSG 30506 LBR
VDSG 30506
VSG 30506 DBR

 VANITA

30x50 cm | *Granula* | WALL TILES



GL 551 LGY
GL D 551 LS 1
GL D 551 LS 2
GL 551 DGY

GL 552 LBE
GL D 552 GL 1
GL D 552 GL 2
GL 552 DBE



Size: w-5.25" x H-10"

 VANITA

30x50 cm | Granula | WALL TILES

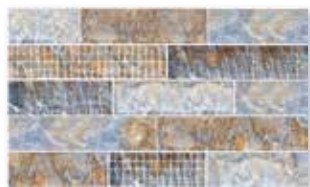


GL D 553 LS
GL 553 GY

30x50 cm | Rustic | WALL TILES



RP V30509 BE
RP V30509 LG



RP V30509 BR
RP V30510 GBE
RP V30510 BR
RP V30510 BL

 AKIJ CERAMICS

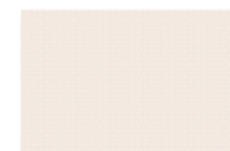
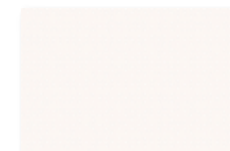
25x40 cm | Glossy | WALL TILES



1042 LGY
D 1042
1042 DGY

1043 LBR
D 1043
1043 DBR

1044 LGY
D 1044
1044 DGY



1045 LGY
D 1045
1045 DGY

1037 LGR
D 1037
1037 DGR

1041 LBE
D 1041
1041 DBE



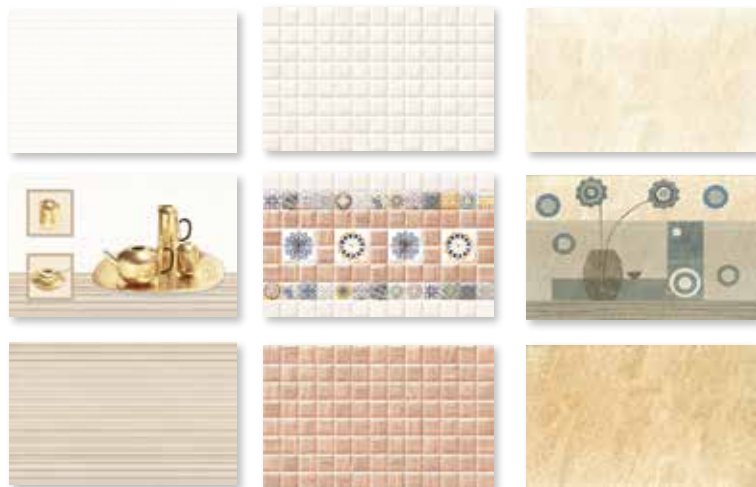
1084 LBE
D 1084 LBE 1
1084 DBE

1038 LBR
D 1038
1038 DBR

1040 LBE
D 1040
1040 DBE

AKIJ CERAMICS

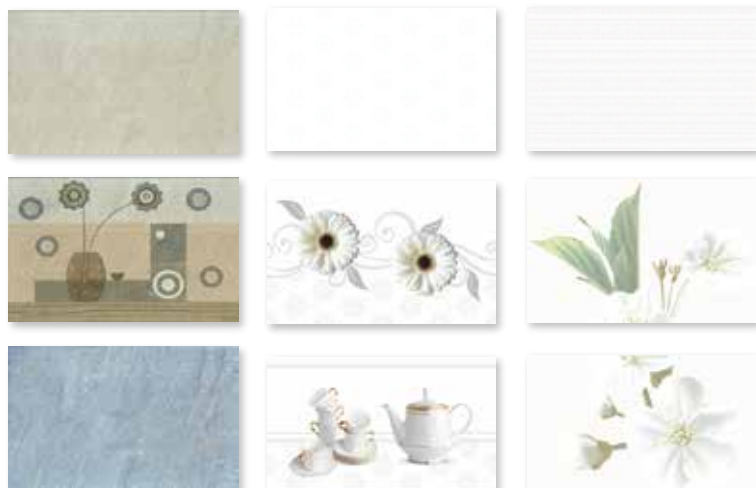
25x40 cm | Glossy | WALL TILES



1098 LBR
D 1098 1
1098 DBR

RP 1004 LBE
RP D 1004
RP 1004 DBE

1090 LBE
D 1090 LBE
1090 DBE



1090 LBL
D 1090 LBL
1090 DBL

1039 LGY
D 1039 1
D 1039 2
1039 DGY

1097 LBR
D 1097 LBR 1
D 1097 LBR 2
1097 DBR



1001

1019 L

AKIJ CERAMICS

20x30 cm | Glossy | WALL TILES



RP 613 LBE
RP D 613 LBE
RP 613 BE

RP 614 LBL
RP D 614 LBL 1
RP D 614 LBL 2
RP 614 BL

RP 615 LBE
RP D 615 LBE
RP 615 DBE

RP 616 LGR
RP D 616 LGR
RP 616 DGR



770 LGR
D 770
770 DGR

771 LBR
D 771
771 DBR

772 LBR
D 772
772 DBR

773 LGR
D 773
773 DGR



RP 612 LP
RP D 612 LP
RP 612 DP

766 LBE
D 766
766 DBE

RP 640 LBE
RP D 640 LBE
RP 640 DBE

RP 641 LYE
RP D 641 LYE
RP 641 DYE

Size: w-5.25" x H-10"

AKIJ CERAMICS

20x30 cm | Glossy | WALL TILES



RP 630 LBR
RP D 630 LBR
RP 630 DBR

RP 631 LBE
RP D 631 LBE
RP 631 DBE

RP 602 LBL
RP D 602 LBL
RP 602 DBL

RP 610 LBL
RP D 610 LBL
RP 610 DBL



RP 611 LGY
RP D 611 LGY
RP 611 DGY

763 LBE
D 763
763 DBE

764 LBE
D 764
764 DBE

765 LBR
D 765
765 DBR



749 LBE
D 749
749 DBE

754 LP
D 754
754 DP

755 LG
D 755
755 DG

RP 602 LGR
RP D 602 DGR
RP 602 DGR



RP 620 BR

RP 620 DBL

762 PK

761 GY

AKIJ CERAMICS

20x30 cm | Glossy | WALL TILES



RP 602 LBE
RP D 602 DBE
RP 602 DBE

745 LBE
D 745
745 DBE

769 GY
768 BR
767 GY

687 YE



741 BE

746 GR

774 YED



RP 621 GY
RP 622 BR

686 GPR

707 PBL

732 GR

734P



607 BE

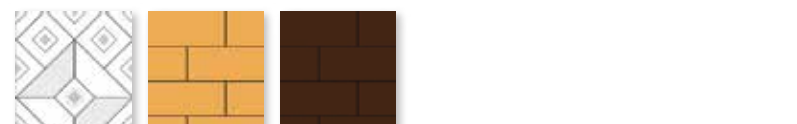
607 L

608 L

611 GY

619 DBL

619 BR



661 L

BRK 748 BE

BRK 748 BR

20x7.5 cm | CLADDING TILES

20x7.5 cm | CLADDING TILES



C 01 YE

C 01 C

C 01 BE



C 01 OR

C 01 DBE

C 01 BR

Size: w-5.25" x H-10"

FLOOR TILES

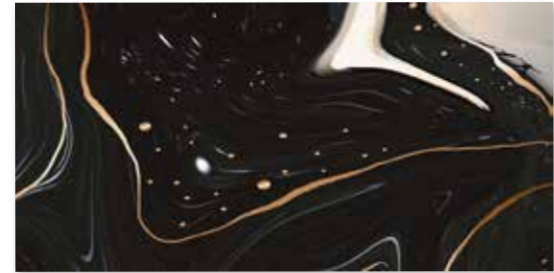
The premium range of floor tiles from Kathena is of international standard quality. The magnificent designs are aristocratic and elegant. They give your homes the sophistication that is also associated with your persona and stature.

Size: w-5.25" x H-10"



KATHENA

60x120 cm | Sugar Glaze | FLOOR TILES
(Upcoming)



12 SG 01 P 1 (Random)



12 SG 01 P 2 (Random)



12 SG 01 P 3 (Random)



12 SG 01 P 4 (Random)

Size: w-5.25" x H-10"

KATHENA

60x120 cm | Sugar Glaze | FLOOR TILES
(Upcoming)



12 SG 02 P 1 (Random)



12 SG 02 P 2 (Random)



12 SG 02 P 3 (Random)



12 SG 02 P 4 (Random)

KATHENA

60x120 cm | Sugar Glaze | FLOOR TILES
(Upcoming)



12 SG 03



12 SG 04



12 SG 05



12 SG 06

Size: w-5.25" x H-10"

KATHENA

60x120 cm | High Glossy | FLOOR TILES



12 PGVT 17 P 1 (Random)



12 PGVT 17 P 2 (Random)



12 PGVT 17 P 3 (Random)



12 PGVT 17 P 4 (Random)

KATHENA

60x120 cm | High Glossy | FLOOR TILES



12 PGVT 18 P 1 (Random)



12 PGVT 18 P 2 (Random)



12 PGVT 18 P 3 (Random)



12 PGVT 18 P 4 (Random)

Size: w-5.25" x H-10"

KATHENA

60x120 cm | High Glossy | FLOOR TILES



12 PGVT 15



12 PGVT 13



12 PGVT 12



12 PGVT 11

KATHENA

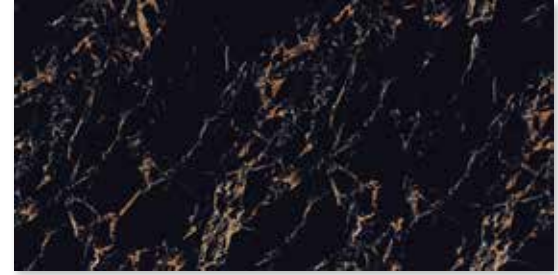
60x120 cm | High Glossy | FLOOR TILES



12 PGVT 10



12 PGVT 9



12 PGVT 6



12 PGVT 4

Size: w-5.25" x H-10"

KATHENA

60x120 cm | High Glossy | FLOOR TILES



OLIVIA WHITE



TRAVERTINO ROYAL



OXFORD IVORY

KATHENA

60x120 cm | High Glossy | FLOOR TILES



ZAINAMAJ 1

60x120 cm | Sugar
(Glossy Carving) | FLOOR TILES



12 SM IMPRESSION

60x120 cm | Matt Carving
(Glossy Carving) | FLOOR TILES



12SM 03 MC

Size: w-5.25" x H-10"



KATHENA

80x80 cm | High Glossy | FLOOR TILES



8 PGVT 1



8 PGVT 5



8 PGVT 6



8 PGVT 7



8 PGVT 9



8 PGVT 10



8 PGVT 11



8 PGVT 12

Size: w-5.25" x H-10"

KATHENA

80x80 cm | High Glossy | FLOOR TILES



8 PGVT 15



8PGVT 16



8 PGVT 17



8PGVT 20

80x80 cm | Matt Carving | FLOOR TILES



8SM IMPRESSION



8SM PARIS

KATHENA

80x80 cm | Matt Carving | FLOOR TILES



8SM PRESTIGE PECH



8SM ALMOND PEACH

80x80 cm | Matt | FLOOR TILES



8SM OSCAR 3



8SM OSCAR 5

80x80 cm | Sugar | FLOOR TILES



8 SM ROSE WOOD



8 SM PINE WOOD

Size: w-5.25" x H-10"



 **AKIJ CERAMICS**

60x60 cm | Lappato | FLOOR TILES

Lappato

An exquisite fusion of styles and designs. The semi-polished offering from Akij Ceramics comes up with out of the ordinary looks & phenomenal aesthetics. Urban and industrial outfit can get modernized similarly paralleled with art-consciousness, matching your personality with deep thoughts. In essence, live in clover touching on artistry.



6 SG 02



6 SG 01



6 SG 04

Size: w-5.25" x H-10"



AKIJ CERAMICS

60x60 cm | High Glossy | FLOOR TILES

UPCOMING



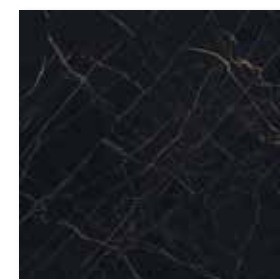
6 PGVT HG 01



6 PGVT HG 02



6 PGVT HG 03



6 PGVT HG 04

Size: w-5.25" x H-10"



**DOUBLE
CHARGE**

60x60 cm | Mirror Polish | FLOOR TILES

With evolving time, needs in the construction field have evolved as well. As cutting edge technology is taking over, products are now more focused to address problems that previously were ignored. The same thing happened to tiles industry. While the introduction of tiles to the world brought convenience and freedom in decoration for many spaces, tiles in high-traffic areas suffered the erosion of surface texture and damage easily due to heavy footfall. To bring an end to this suffering, Akij Ceramics has introduced Double Charge Porcelain Tiles, a perfect solution to take the abuses in high-traffic areas.

The top layer of these highly durable mirror polished tiles is 2-3 mm thick. Because of this feature, these tiles can withstand much more abuses while retaining their beauty for a longer period of time. As the MoH (Measurement of Hardness) of these tiles is high in number, the longevity of these tiles is very high as well. As a result, these 'natural marble look' tiles can endure extreme abuses in commercial spaces, offices, hotels, shopping malls and indoors yet retain their polished look effortlessly.

There was a time, when Bangladesh had no other options but to rely on imported construction materials for superior quality. But the time has changed now because of relentless effort and foresight of pioneers like Akij Ceramics. By introducing Double Charge Porcelain Tiles, Akij Ceramics has paced a step further towards the golden age of construction, creating a class of its own.



6 MATRIX 1



6 MATRIX 2



6 MATRIX 3



6 MATRIX 5

Size: w-5.25" x H-10"

**DOUBLE
CHARGE**

60x60 cm | Mirror Polish | FLOOR TILES



6 MATRIX 6



6 PULATI 1



6 PULATI 2



6 PULATI 3



6 MATRIX 08

AKIJ CERAMICS

60x60 cm | Mirror Polish | FLOOR TILES



6 PGVT CG 65



6 PGVT CG 66

AKIJ CERAMICS

60x60 cm | Mirror Polish | FLOOR TILES



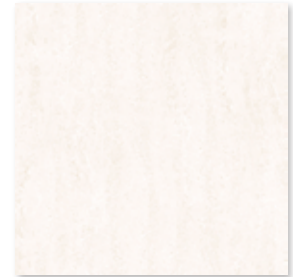
6 PGVT CG 67



6 PGVT CG 68



6 PGVT CG 69



6 PGVT CG 70



6 PGVT CG 58



6 PGVT CG 52 (Upcoming)



6 PGVT CG 64

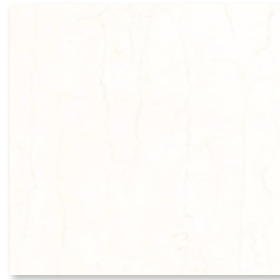


6 PGVT CG 46

Size: w-5.25" x H-10"

AKIJ CERAMICS

60x60 cm | Mirror Polish | FLOOR TILES



6 PGVT CG 54



6 PGVT CG 43



6 PGVT CG 39 (RANDOM)



6 PGVT CG 39 (RANDOM)



6 PGVT CG 39 (RANDOM)



6 PGVT CG 38 (RANDOM)



6 PGVT CG 38 (RANDOM)



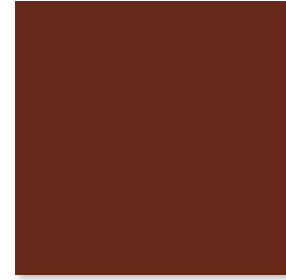
6 PGVT CG 38 (RANDOM)

AKIJ CERAMICS

60x60 cm | Mirror Polish | FLOOR TILES



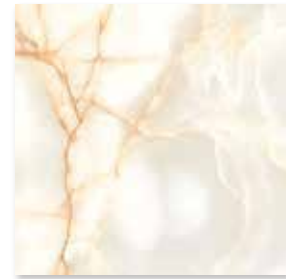
6 PGVT 19 BK



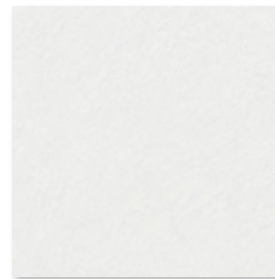
6 PGVT 18 BR



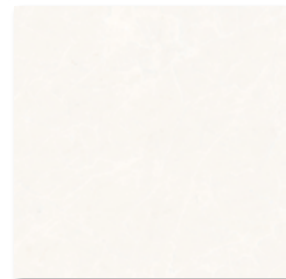
6 PGVT CG 36



6 PGVT CG 34



6 PGVT CG 26



6 PGVT CG 09



6 PGVT 03 BE



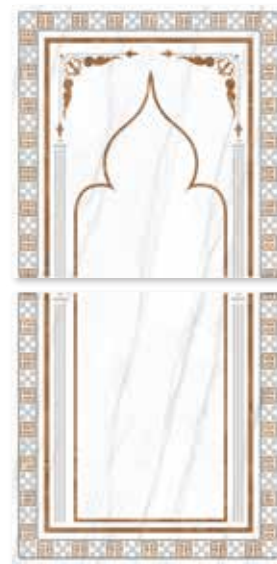
6 PGVT CG 32

Size: w-5.25" x H-10"



AKIJ CERAMICS

60x60 cm | Mirror Polish | FLOOR TILES



6 PGVT 20 BR (1+2)



6 PGVT 17BR (1+2)



6 PGVT 17G (1+2)

Size: w-5.25" x H-10"



AKIJ CERAMICS

60x60 cm | Satin Matt | FLOOR TILES



6SM 01 BE



6SM 06 GY



6SM 02 BE



6SM 15



6SM 04 BR



6SM 03 BR



60x60 cm | Rustic | FLOOR TILES

CEMENT SERIES TILES INSPIRATION

Cement sand aggregate, the most banal of building materials is elusive and may not appeal to touch as a well fired brick, but when the mixture is used in the right combination by brilliant architects, the results are riveting and astonishing. Architects have praised its aesthetic and atmospheric qualities not just for its abilities in form making, but for the feel of this material, the light and shadow it creates, its particular sense of 'grunt' - or its lightness and delicacy.

The cement series tiles of Akij Ceramics prevail the similar truthfulness of its tactile quality and allure a feeling of the same cementitious character that architects cherish. The Cement Series Tiles are among the most practical and beautiful types of tiles available and can stand up to a lot of use, making them a great choice even for areas which see a lot of traffic. You don't need to worry about stains or scratches as long as the tiles are properly installed and maintained, as their surfaces are very hardwearing.

Choosing Akij Ceramics Cement Series Tiles can be truly rewarding for a unique tiling solution that can add color, style and a designer feel to every room at your home. A thoughtful application of the tiles of such stature can make asymmetry as graceful as symmetry, or turns volumes of space into engrossing mysteries.



6 RS 01 DGRK



6 RS 01 LG



6 RS 01 BR



6 RS 01 GR



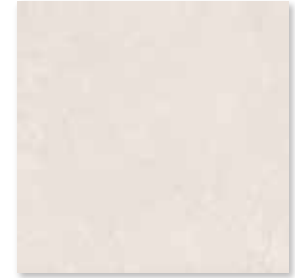
6 RS 01 DGR



60x60 cm | Rustic | FLOOR TILES



6 RS 02 GR



6 RS 03 GR

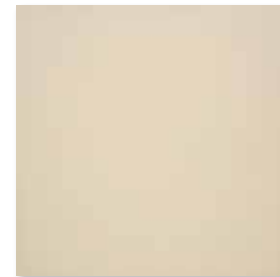


6 RS 01 GY



6 RS 01 LBE

60x60 cm | Polish
Salt & Pepper | FLOOR TILES



6 HPVT 101



6 HPVT 102



6 HPVT 107

AKIJ CERAMICS

HOMOGENEOUS

6H = 60x60 cm

4H = 40x40 cm

3H = 30x30 cm



6H 101
4H 101
3H 101



4H 103
3H 103



4H 104
3H 104



6H 102
4H 102
3H 102



4H 105
3H 105



6H 107
3H 107



6H 106
4H 106
3H 106

AKIJ CERAMICS

40x40 cm | Porcelain Print | FLOOR TILES



4HP 86



4HP 87



4HP 88



4HP 89



4HP 90



4HP GALAXY GRIS LT



4HP 80



4HP 81



4HP 82



4HP 83



4HP 84



4HP 76 BE



4HP 78



4HP 77



4HP 63



4HP 64



4HP 69



4HP 30618 DBE

AKIJ CERAMICS

40x40 cm | Porcelain Print | FLOOR TILES



4HP 85



4HP 30618 LBE



4HP 56 BL



4HP 72 BE

40x40 cm | TG | FLOOR TILES



4 TG 01



4 TG 02



4 TG 04



4 TG 06



4 TG 10



4 TG 11



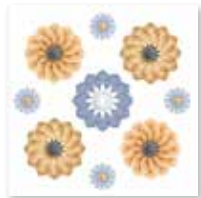
4 TG 12



4 TG 13



4 TG 14



4 TG 15



4 TG 16



4 TG 17



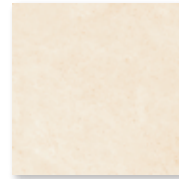
4 TG 18



4 TG 19

AKIJ CERAMICS

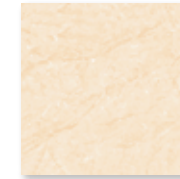
30x30 cm | Porcelain Print | FLOOR TILES



3HP 9 SG 02 DBE



3HP 6024 DBE



3HP 30630 DBE



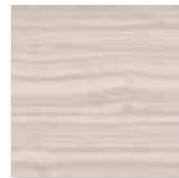
3HP 30632 DBR



3HP GL551 LGY



3HP 30513 DBR



3HP 5015 LG



3HP 30515 LGR



3HP 1019 L



3HP 30506 DBR



3HP 1097 DBR



3HP 5018 LBE



3HP RP 1004 LBE



3HP 6007 DBR



3HP 1084 DBE



3HP 30504 DGR



3HP 90 DBE

Size: w-5.25" x H-10"

AKIJ CERAMICS

30x30 cm | Stair | FLOOR TILES



3H 101 ST



3H 103 ST

30x30 cm | High Thickness | PARKING TILES



3RHT 01WH



3RHT 02WH



3RHT 01BK



3RHT 02BK



3RHT 02BE

30x30 cm | PARKING / ROOFTOP TILES



3H RST 3W



3H RST 2PK



3H RST 3PK



3H RST 2W

AKIJ CERAMICS

30x30 cm | Industrial | FLOOR TILES

Load Bearing Capacity Over 6000 N | 15 mm thickness

Skid resistant | Thermal shock & Chemical resistant



30x30 cm | Industrial | FLOOR TILES



3H 101 HT 15



3H 102 HT 15



3H 107 HT 15

AKIJ CERAMICS

সিরামিক টাইলসের বৈশিষ্ট্য CHARACTERISTIC OF CERAMIC TILES

Variation in size, shade and pattern is an inherent characteristic of ceramics; therefore it is advised to purchase sufficient tiles to complete the job. The tiles should be mixed from various packs before fixing to give a pleasing blend of color and natural hue. Before opening the boxes of tiles, please check Tiles Code/design name, Manufacturing date with shift reference, Caliber & Shade Number and Grade, it is advisable to use tiles of same date/grade/batch no. in a single room. We recommend tile fixing by adhesives. No complaint will be entertained once the tiles are fixed.

সিরামিক টাইলস তৈরি করার সময় মূলত খেয়াল রাখা হয় এর সাইজ, শেড এবং প্যাটার্নের বিষয়টি। সেজন্য টাইলস ক্রয়ের আগে অবশ্যই যে ধরণের টাইলসটি কেনা হবে, সেটার সম্পর্কে সুনিশ্চিত হয়ে নিতে হবে। রঙের সুন্দর মিশ্রণ এবং ডিজাইনে বসানোর জন্য বিভিন্ন প্যাক থেকে বেছে নিয়ে টাইলগুলো একসাথে মিলিয়ে টাইলসের একটি সিরিজ নিজের মতো করে বানিয়ে নিতে হবে। তবে প্রতিটি বক্স খোলার আগে টাইলসের কোড, ডিজাইনের নাম, শিফট রেফারেন্সসহ উৎপাদনের তারিখ, ক্যালিবার ও শেড নম্বর, এবং গ্রেড চেক করে নেয়া উচিত। সবচেয়ে ভালো হয়, যদি একটি ঘরে ব্যবহৃত সবগুলো টাইল একই তারিখ/টোন/ব্যাচ নম্বরের হয় এবং টাইলস বসানোর জন্য অ্যাডহেসিভ ব্যবহার করা হয়। উল্লেখ্য, টাইলস একবার বসানো হয়ে গেলে এরপর কোনো অভিযোগ গ্রহণযোগ্য হবে না।



AKIJ CERAMICS

1

READYING THE SURFACE | পৃষ্ঠতল প্রস্তুত করা



The surface on which the tiles are to be laid should be cleaned and free from dirt and dust particles to avoid contamination. The surface should be flat where the tiles are to be fixed. Before making the purchase the right type of tiles should be selected depending upon the intended area of usage.

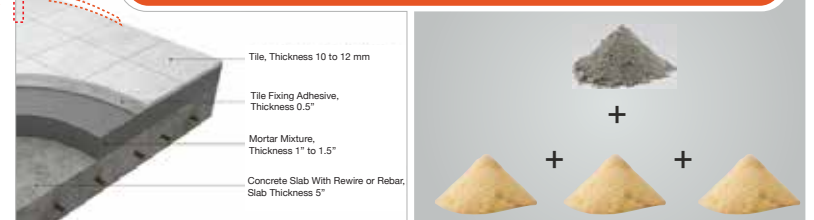
(Note: Dust and grime leads to improper adhesion, undulation and air voids.)

যে জায়গার উপর টাইলস স্থাপন করা হবে, সেই জায়গাটি যেন অবশ্যই পরিষ্কার, ধুলোবালিমুক্ত এবং সমতল থাকে। আর এই জায়গার অবস্থা এবং কাজ সম্পর্কে নিশ্চিত হয়ে টাইলস কিনতে হবে।

(দ্রষ্টব্য: ধুলোবালি ও ময়লা থাকলে টাইলস সঠিকভাবে বসতে পারে না এবং নিচে বাতাস আটকে থাকে।)

2

MORTAR (THICK SET METHOD) | মশলা (পুরু মিশ্রণ পদ্ধতি)



The mortar mixture should be in the ratio of 1:3 cement to sand by volume. Recommended thickness of mortar bed for a new floor is 1" to 1.5" and for an old existing mosaic or cement floor 1/2" is sufficient. The mix should be used within two hours else unused or remaining mix should be discarded.

(Note: Cement curing start instantly if the mortar gets dehydrated its adhesive strength would get reduced. Adhesive based fixing is mandatory for floor and vitrified tiles when fixing on wall.)

মর্টার মিক্সচারের মোট আয়তনের হিসেবে সিমেন্ট ও বালির অনুপাত থাকতে হবে ১:৩। নতুন মেঝে বা টাইলস স্থাপনের জায়গার ক্ষেত্রে সবচেয়ে ভালো ফলাফলের জন্য মর্টার বেডের পুরুত্ব এক (১) থেকে দেড় (১.৫) ইঞ্চি, এবং পুরোনো মোজাইক বা সিমেন্টে তৈরি মেঝে বা টাইলস স্থাপনের জায়গার ক্ষেত্রে আধা (১/২) ইঞ্চি থাকা উচিত। মিক্স তৈরির দুই ঘণ্টার মধ্যে ব্যবহার করতে হবে। দুই ঘণ্টা পার হয়ে গেলে অব্যবহৃত কিংবা অবশিষ্ট মিক্স ফেলে দিতে হবে।

(দ্রষ্টব্য: মর্টারের পানির অংশ কম মনে হলে বা শুকিয়ে গেলে যত দ্রুত সম্ভব সিমেন্ট কিউরিং শুরু করতে হবে, তা না হলে মর্টারের অ্যাডহেশন (জোড়া লাগা) -এর ক্ষমতা কমে যাবে। ফ্লোর টাইলস এবং ওয়ালের ভিট্রিফায়েড টাইলস অবশ্যই অ্যাডহেসিভ ব্যবহার করে স্থাপন করতে হবে।)

AKIJ CERAMICS

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LAYING THE TILES | টাইলস স্থাপন



• Arrange tiles in the desired layout before fixing. Ensure that there are equal cut tiles at either end. Proper gradient of floor should be provided for ease in drainage and ensuring avoidance of water accumulation.

• সর্বপ্রথম টাইলগুলো মূল লেআউট অনুযায়ী সাজিয়ে দেখে নিতে হবে। তাতে করে প্রতিটি টাইলের প্রান্তে অপর টাইলের সংযোগ এবং কাটিং সম্পর্কে নিশ্চিত হওয়া যাবে। এমনভাবে পরিকল্পনা সাজানো উচিত যেন টাইলস বসানোর পর ঘরে কখনো পানি জমে না থাকতে পারে, অর্থাৎ মাঝখান থেকে ক্রমান্বয়ে ঘরের প্রতিটি প্রান্ত পর্যন্ত মৃদু ঢালু রাখা।

LAYING THE TILES | টাইলস স্থাপন

• Tiles should be completely immersed in clean water for about 45 minutes before using and should be laid as soon as the surface water is dried.

(Note: Floor and vitrified tiles are to be fixed with adhesive. hence, they are not required to be immerse in water.)



• টাইলস স্থাপনের পূর্বে কমপক্ষে ৪৫ মিনিট টাইলগুলো পুরোপুরি পানিতে ডুবিয়ে রাখতে হবে। এরপর ওঠানোর পর তা শুকানোর সাথে সাথেই স্থাপন করার কাজ শুরু করতে হবে।

(দ্রষ্টব্য: ফ্লোর এবং ভিট্রিফায়েড টাইলস যেহেতু অ্যাডহেসিভ ব্যবহার করে স্থাপন করা হয়, সেহেতু এই জাতীয় টাইলস পানিতে ডুবিয়ে নেয়ার দরকার নেই।)



• Now the Arrow Mark (↑) behind each tile should be checked and the laying plan needs to be set accordingly. Before fixing, previously cured mortar bed should be coated with a thin layer of cement slurry or tile fixing adhesive. This is very effective to draw grooves to ensure firm grip and strength and also to protect from creating air pockets.

• এবার প্রতিটি টাইলের পেছনের তীর চিহ্ন (↑) দেখে নিতে হবে এবং সে অনুযায়ী স্থাপনের পরিকল্পনা নির্ধারণ করতে হবে। এরপর স্থাপনের পূর্বে আগের কিউরিং করা মর্টার বেডের উপরে পাতলা সিমেন্টের কাই কিংবা টাইল ফিক্সিং অ্যাডহেসিভের প্রলেপ দিয়ে দিতে হবে। এটি কার্যকর খাঁজ/দাগ/লাইন তৈরি করে যা মজবুত জোড় ও শক্তি নিশ্চিত করে এবং এয়ার পকেট (বাতাসের ফোকর) তৈরি হওয়া থেকে রক্ষা করে।

AKIJ CERAMICS

LAYING THE TILES | টাইলস স্থাপন



• Tiles should be gently and evenly tapped with rubber mallet after laying to ensure proper joint with the substrate. (Note: Gentle tapping of mallet helps in eradicating air voids from the substrate leading to better adhesion and preventing cracks in future.)

• নিচের স্তরের সাথে সঠিকভাবে জোড়া লাগানোর জন্য রাবারের হাতুড়ি দিয়ে আলতো করে এবং সমানভাবে টাইলগুলোর উপর আঘাত করতে হবে।

(দ্রষ্টব্য: এই প্রক্রিয়াটি নিচের স্তরের বাতাস বের করে দিয়ে টাইলগুলো সঠিকভাবে বসতে এবং ভবিষ্যতের ফাটল রোধ করতে সাহায্য করে।)

• Tiling should preferably be started from the center point of the area so that cut tiles, if any, come only on the sides.

• টাইলস বসানোর কাজ শুরু করতে হবে একদম মাঝখান থেকে (যে জায়গায় টাইলস স্থাপন করা হবে)। এতে করে কাটা টাইলসগুলো ওয়াল/ফ্লোরের একেবারে প্রান্তে বা শেষ মাথায় গিয়ে বসবে।



AKIJ CERAMICS

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GROUTING | গ্রাউটিং



Using the tile spacers, a grout joint of about 3-4 mm should be left between two tiles. The gaps between tiles should be filled with cementitious chemical grout available in the market. The instructions of grout manufacturer should be followed in order to avoid masonry complaint. After filling the joints with grout, the surface should be cleaned with sponge or a piece of cloth and filler should be allowed to set for 24 hours by avoiding all traffic there on.

টাইলস স্পেসার এর সাহায্যে দুই টাইলসের মধ্যবর্তী দূরত্ব (গ্রাউট জয়েন্ট) ৩-৪ মিলিমিটার রাখতে হবে। এরপর এই ফাঁকা জায়গাটি পূর্ণ করতে সিমেন্টজাতীয় এক ধরনের কেমিক্যাল গ্রাউট ব্যবহার করতে হবে। এই কেমিক্যাল গ্রাউট বাজারে কিনতে পাওয়া যায়। সঠিকভাবে গাঁথার জন্য গ্রাউট প্রস্তুতকারী কোম্পানির দেয়া নির্দেশিকা পড়ে নিতে হবে। জয়েন্টগুলি গ্রাউট দিয়ে পরিপূর্ণ করার পরে, মেঝে/পৃষ্ঠটি স্পঞ্জ বা কাপড়ের টুকরো দিয়ে পরিষ্কার করতে হবে। এরপর কমপক্ষে ২৪ ঘন্টার জন্য টাইলসের উপর চলাচল বন্ধ রাখতে হবে।

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PROTECTIVE COVER | সুরক্ষামূলক আবরণ



Protective cover (thick polythene sheet / armor sheet) should be spread on the tiled floor to carry out any further work related to heavy equipment, carpentry, painting or any interior work etc.

টাইলস বসানো পুরো স্থানটি সুরক্ষামূলক আবরণ (পুরু পলিথিন শিট / আরমার শিট) দিয়ে ঢেকে নিতে হবে, যদি ফ্লোরে/ওয়ালে অন্য কোনো ভারী সরঞ্জাম, আসবাবপত্র তৈরি, রঙের কাজ বা অন্যান্য অভ্যন্তরীণ সাজসজ্জার কাজ করা হয়।

AKIJ CERAMICS

TECHNICAL SPECIFICATION

Dry pressed ceramic tiles with low water absorption Technical Specification

Date: 2023/10/26

ISO 13006:2012 (E), BDS ISO 13006:2006; Group B Ia (E ≤0.5%)

Work size: 300x300 mm / 400x400 mm / 600x600 mm / 600x1200 mm / 800x800 mm

Test Description	Test Method	International Standard	Bangladesh Standard	Akij Ceramics Value
Dimensional & surface quality				
Length & width, deviation in %	ISO 10545 2	±0.6%	±0.5%	±0.1%
Thickness, deviation in % of the average thickness		±5%	±5%	±4%
Straightness of sides, maximum deviation from straightness in %		±0.5%	±0.5%	±0.1%
Rectangularity, maximum deviation in %		±0.5%	±0.5%	±0.2%
Surface flatness, maximum deviation from the surface flatness in % a) centre curvature, related to diagonal, b) edge curvature, related to the work size, c) warpage, related to diagonal.		±0.5%	±0.5%	±0.2%
Surface quality		A minimum of 95% of the tiles shall be free from visible defects		Minimum of 98% free from visible
Physical properties				
Water absorption, % by weight	ISO 10545 3	≤0.5%	≤0.5%	≤0.2%
Modulus of rupture, in N/mm ²	ISO 10545 4	≥35	≥35	≥40
Resistance to deep abrasion of unglazed tiles: removed in volume, mm ³	ISO 10545 6	Maximum 175	Maximum 175	≤140
Resistance to surface abrasion: of glazed tiles intended for use on floor	ISO 10545 7	Report abrasion class & cycle passed	Report abrasion class & cycle passed	Min, Class II
Coefficient of linear thermal expansion, from ambient temperature to 100°C	ISO 10545 8	Test method available	Test method available	≤6x10 ⁻⁶
Thermal shock resistance	ISO 10545 9	Test method	Test method	Resistant
Crazing resistance, for glazed tiles	ISO 10545 11	Required	Required	3 Cycles Passes
Frost resistance	ISO 10545 12	Required	Required	Resistant
Chemical properties				
Resistance to staining a) glazed tiles; b) unglazed tiles;	ISO 10545 14	For glazed tile: Min. Class 3 For unglazed tile: Manufacturer to state classification	For glazed tile: Min. Class 3 For unglazed tile: Manufacturer to state classification	For glazed tile: Min. Class 3 For unglazed tile: Min. Class 2
Resistance to chemicals Resistance to low concentrations of acids and alkalis a) glazed tiles; b) unglazed tiles;	ISO 10545 13	Manufacturer to state classification	Manufacturer to state classification	No damage
Resistance to chemicals Resistance to high concentrations of acids and alkalis a) glazed tiles; b) unglazed tiles;	ISO 10545 13	Test method available	Test method available	No damage
Resistance to household chemicals and swimming pool salts a) glazed tiles; b) unglazed tiles	ISO 10545	Minimum GB Minimum UB	Minimum GB Minimum UB	Minimum GA Minimum UA

Product colors in this brochure are shown as close as possible to the actual products. However, different lighting conditions and other technical aspects can cause variation of colors and shapes in the images. Please refer to actual products for colors and shapes.



Test Description	Test Method	International Standard ISO 13006:2012 (E)	Bangladesh Standard BDS ISO 13006 2006	Akij Ceramics Value
Dimensional & surface quality	ISO 10545 2			
Length & width, deviation in %		±0.75%	+0.6% to 0.3%	±0.3%
Thickness, deviation in % of the average thickness		±10%	±10%	±5%
Straightness of sides, maximum deviation from straightness in %		±0.3%	±0.3%	±0.3%
Rectangularity, maximum deviation in %		±0.5%	±0.3%	±0.3%
Surface flatness, maximum deviation from the surface flatness in % a) centre curvature, related to diagonal, b) edge curvature, related to the work size, c) warpage, related to diagonal.		+0.5% to 0.3%	+0.5% to 0.3%	+0.5% to 0.3%
Surface quality		A minimum of 95% of the tiles shall be free from visible defects		Minimum of 98% free from visible defects
Physical properties				
Water absorption, % by weight	ISO 10545 3	Average >10%, Individual minimum 9%	Average >10%, Individual minimum 9%	10% to 15%
Modulus of rupture, in N/mm ²	ISO 10545 4	≥15	≥15	≥16
Thermal shock resistance	ISO 10545 9	Test method available	Test method available	Resistant
Crazing resistance, for glazed tiles	ISO 10545 11	Required	Required	Resistant
Frost resistance	ISO 10545 12	Required	Required	Resistant
Chemical properties				
Resistance to staining a) glazed tiles:	ISO 10545 14	For glazed tile, Min. Class 3	For glazed tile, Min. Class 3	For glazed tile, Min. Class 4
Resistance to chemicals Resistance to low concentrations of acids and alkalis a) glazed tiles:	ISO 10545 13	Test method available	Test method available	No damage
Resistance to high concentrations of acids and alkalis (except HF) a) glazed tiles:	ISO 10545 13	Test method available	Test method available	No damage

Dry pressed ceramic tiles
Technical Specification
ISO 13006:2012 (E), BDS ISO 13006:2006; Group B III (E>10%)
Work size: 300x500 mm / 300x600 mm / 200X600mm

Date: 2023/10/26

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