



AN AKIJ CERAMICS BRAND

Front

Always Elegant

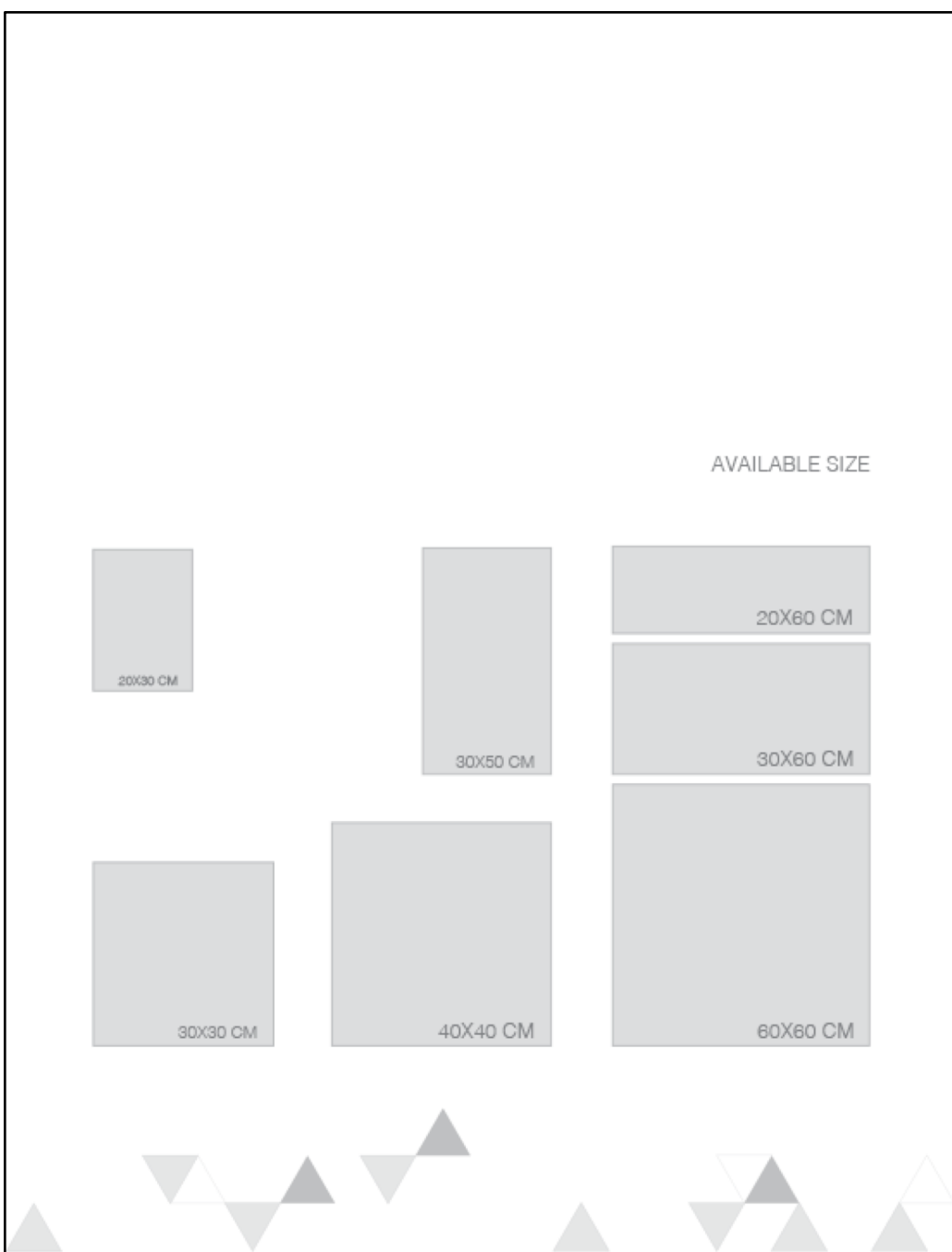
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Tale of Artistic Elegance

Elegance. As this one word expresses the quality of being graceful and stylish in appearance or manner, this one word also defines **Aura**, the complete range of wall and floor tiles **from Akij Ceramics**. Emitting magnificence from the core, Aura not only **upholds Akij Ceramics' promise of perfection**, but reinforces the promise with grandeur.

For those, who want to see their own grace reflected on their home décor and commercial spaces, Aura provides them with the freedom to choose from limitless designs and numerous sizes. Manufactured using European technology, this exquisite tiles-range boasts extreme durability that is unmatched by almost all the others out there.

Using the latest European technologies, Aura successfully minimizes the carbon footprint from its production process. Creating beauty both in home and commercial spaces using **this immense range of tiles from Akij Ceramics** is only limited by the imagination of the artist who will attempt to create art cuddled in elegance.





60x60cm | PGVT | FLOOR TILES

60x60 cm

Polish I Floor tiles



6 PGVT A 01



6 PGVT A 02



60x60 cm

Polish I Floor tiles



6 PGVT A 03



6 PGVT A 04



60x60 cm

Polish | Floor tiles



6 PGVT A 05



6 PGVT A 06





40x40 cm

Porcelain Print | Floor tiles



4HP A 01



4HP A 02



4HP A 03



4HP A 04





40x40 cm

Homogeneous | Floor tiles



8 AH 101
4 AH 101
8 AH 101



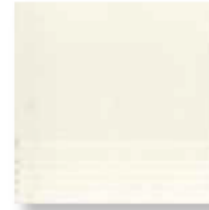
8 AH 108
4 AH 108



4 AH 104



4 AH 106



8 AH 101 STP



8 AH 108 STP

6 AH = 60x60 cm
4 AH = 40x40 cm
3 AH = 30x30 cm

WALL TILES





30x60cm | Glossy | WALL TILES

30x60 cm

Glossy | Wall tiles



AD 3060 1
A 3060 1 GY



A 3060 2 LBE
AD 3060 2
A 3060 2 DBE



30x60 cm

Glossy | Wall tiles



A 3060 3 LBL
AD 3060 3
A 3060 3 DBL



A 3060 4 LBE
AD 3060 4
A 3060 4 DBE



30x60 cm

Glossy | Wall tiles



A 3060 5 LBE
AD 3060 5
A 3060 5 DBE



AD 3060 6 LBK
AD 3060 6
AD 3060 6 DBK





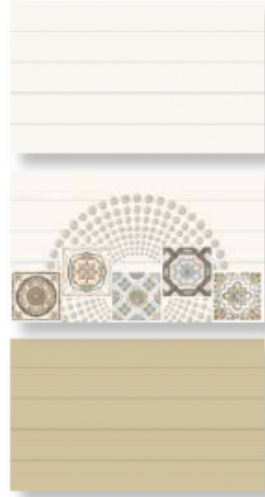
30x50cm | Glossy | WALL TILES

30x50 cm



A 30501 LP
AD 3050 1
A 3050 1 DP

Glossy | Wall tiles



A 30502 LG
AD 3050 2
A 3050 2 DG



30X50 cm



A 30503 LBL
AD 3050 3
A 30503 DBL

Glossy | Wall tiles

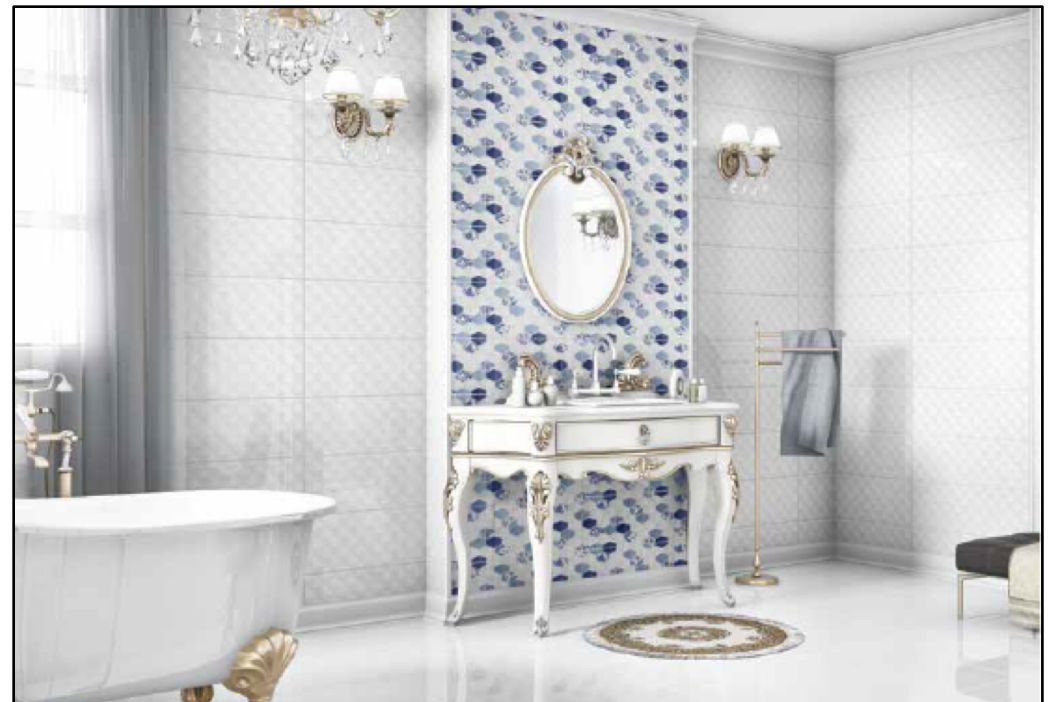


A 30504 LBE
AD 3050 4
A 30504 DBE





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20x60cm | Glossy | WALL TILES



AD 2060 1
A 2060 1 G

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20x60 cm

Glossy I Wall tiles



A 2060 2 LGR
AD 2060 2
A 2060 2 DGR



A 2060 3 LBE
AD 2060 3
A 2060 3 DBE





20x30 cm

Glossy | Wall tiles



A 06 LBE
AD 06
A 06 DBE



A 07 LBE
AD 07
A 07 DBE



A 08 LBE
AD 08
A 08 DBE

20x30cm | Glossy | WALL TILES



A 02



A 03



A 04



A 05





TECHNICAL SPECIFICATION

Dry pressed ceramic tiles with low water absorption

Technical Specification

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

Work size: 300x300 mm / 400x400 mm / 600x600 mm

Test Description	Test Method	International Standard	Bangladesh Standard	Aura 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 as close to the actual product colors as possible through modern printing process. However, different light conditions and other technical aspects can cause variation in color or shapes. Please refer to actual product for colors.

**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

Test Description	Test Method	International Standard ISO 13006:2012 (E)	Bangladesh Standard BDS ISO 13006:2006	Aura Ceramics Value
Dimensional & surface quality				
Length & width, deviation in %	ISO 10545-2	±0.75%	+0.6% to -0.3%	±0.3%
Thickness, deviation in %		±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 of 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 of glazed tiles:	ISO 10545-13	Test method available	Test method available	No damage
Resistance to high concentrations of acids and alkalis (Except HF) of glazed tiles:	ISO 10545-13	Test method available	Test method available	No damage

— Corporate Office —

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— Exclusive Experience Centre —

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f /AKJ/CERAMICS

▶ Akij Ceramics Live Demo

🌐 www.akijceramics.net



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