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LET A GREENER FUTURE
BEGIN WITH YOU



Company Background

From humble beginnings in 1948, today Fakhris has a wide variety of businesses in construction, real estate and agriculture. Its flagship company – Chittagong Bricks & Clay Works Ltd., popularly known as FAKHRIS BRICKS – established in 1967, is a renowned and trusted brand in the local market for their commitment to quality.

Today, in their 3rd generation, the company is leading the business with new technology-based products and has come forward as the producer of green building materials – with the promise to build a greener future.

Fakhris Green Building Resources Limited (FGBRL) is a green-field project with a manufacturing plant at Bhatiari, Sitakunda, Chattogram. The project uses German technology with automation at all stages of production, using a mixture of cement, steel slags/crushed stones and sand to produce an array of products, such as Hollow Blocks, Pavers, Tiles, Kerb Stones and many more in a wide range of colors.



HOLLOW BLOCKS

Hollow Blocks are ideal for the strong reinforced walls used in industrial and commercial buildings - even for modern homes. The advanced high-tech process used to manufacture our blocks leaves them strong and able to withstand substantial amounts of compression. Hollow Blocks are used for rapid execution in construction as they increase floor area and durability while reducing construction costs.

Application:

Hollow Blocks are primarily used in walls of modern homes and apartment complexes as well as industrial and commercial buildings.

Features and benefits:

-  Thermal and sound insulation
-  Earthquake resistance
-  Fire resistance
-  High weather resistance
-  High compress strength
-  Low water absorption

Technical Properties:

Property	Value
Block Size	390 X 190 X 150 mm
Core Size	150 mm
Face Size	0 mm
Crushing Strength	10-20 MPA
Weight Average	± 11 kg/pc
Water Absorption	3-5%
Req Pcs/Sqm	15



UNIVERSAL PAVING BLOCKS

Machine-manufactured from coarse aggregates, Universal Paving Blocks or UPBs have high load-bearing capacities and enhance weather resistance properties. They are low maintenance, economical and environmental friendly. UPBs are available in standard sizes, with lasting colors and texture.

Application:

Universal Paving Blocks are used in roads, roads intersections, bus stands, bus stoppages, park walkways, footpaths, car parking areas, heavy-duty paving areas and other beautification areas.

Features and benefits:

-  High weather resistance
-  High compress strength
-  Low water absorption
-  Mechanical interlocks.

Technical Properties:

Property	Value
Block Size	222 X 110 X 100 mm
Core Size	95 mm
Face Size	5 mm
Crushing Strength	30-50 MPA
Weight Average	± 5.5 kg/pc
Water Absorption	3-5%
Req Pcs/Sqm	40
Available Colors	Black, Grey, Red, Yellow



DOUBLE INTERLOCKING BLOCK

Machine-manufactured from coarse aggregates, Double Interlocking Blocks or DIBs have great load-bearing capabilities with enhanced weather resistance properties. They are also low maintenance, economical and environment-friendly. DIBs are available in standard sizes, with lasting colors and texture.

Application:

Double Interlocking Blocks are used in roads, roads intersections, bus stand, bus stoppage, walkways in the park, footpath, car parking, heavy duty paving area and in other beautification areas.

Features and benefits:

-  High weather resistance
-  High compress strength
-  Low water absorption
-  Mechanical interlock.

Technical Properties:

Property	Value
Block Size	198 X 163 X 60 mm
Core Size	55 mm
Face Size	5 mm
Crushing Strength	30-50 MPA
Weight Average	± 3.5 kg/pc
Water Absorption	3-5%
Req Pcs/Sqm	36
Available Colors	Black, Grey, Red, Yellow



AA BLOCKS

Features and benefits:

-  High weather resistance
-  High compress strength
-  Low water absorption
-  Mechanical interlock.

Machine-manufactured from coarse aggregates, AA Blocks have great load-bearing capabilities with enhanced weather resistance properties. They are low maintenance, economical and environment-friendly. These blocks are available in standard sizes, with lasting colors and texture.

Application:

AA blocks are used in roads, roads intersections, bus stands, bus stoppage, walkways in the park, footpath, car parking, heavy-duty paving areas and in other beautification areas.

Technical Properties:

Property	Value
Block Size	210 X 210 X 60 mm
Core Size	55 mm
Face Size	5 mm
Crushing Strength	20-40 MPA
Weight Average	± 4 kg/pc
Water Absorption	3-5%
Req Pcs/Sqm	22
Available Colors	Black, Grey, Red, Yellow



AAA BLOCKS

Features and benefits:

-  High weather resistance
-  High compress strength
-  Low water absorption
-  Mechanical interlock.

AAA blocks are used in driveways, walkways, patios in residential settings & larger public areas like bus stands, footpaths, car parking areas, heavy-duty paving areas, road intersections; especially walkways and pathways with heavy pedestrian and light motor traffic. These blocks are available in standard sizes, with lasting colors and texture.

Application:

AAA blocks are used in driveways, walkways, patios in residential settings & larger public areas like bus stands, footpaths, car parking areas, heavy-duty paving areas, road intersections; especially walkways and pathways with heavy pedestrian and light motor traffic.

Technical Properties:

Property	Value
Block Size	250 X 250 X 70 mm
Core Size	65 mm
Face Size	5 mm
Crushing Strength	20-40 MPA
Weight Average	± 6.5 kg/pc
Water Absorption	3-5%
Req Pcs/Sqm	20
Available Colors	Black, Grey, Red, Yellow



PAVING TILES

Machine-manufactured from coarse aggregates, Paving Tiles have great load-bearing capabilities with enhanced weather resistance properties. They are low maintenance, economical and environment friendly. These tiles are available in standard sizes, with lasting colors and texture.

Application:

Paving tiles are used in homes and apartment complexes, footpaths, car parking areas and park walkways.

Features and benefits:

-  High weather resistance
-  High compress strength
-  Low water absorption

Technical Properties:

Property	Value
Block Size	300 X 300 X 50 mm
Core Size	45 mm
Face Size	5 mm
Crushing Strength	20-40 MPA
Weight Average	± 8.50 kg/pc
Water Absorption	3-5%
Req Pcs/Sqm	11
Available Colors	Black, Grey, Red, Yellow



KERB STONE

Machine-manufactured from coarse aggregates, Kerb stones have great load-bearing capabilities with enhanced weather resistance properties. They are low maintenance, economical and environment friendly.

Application:

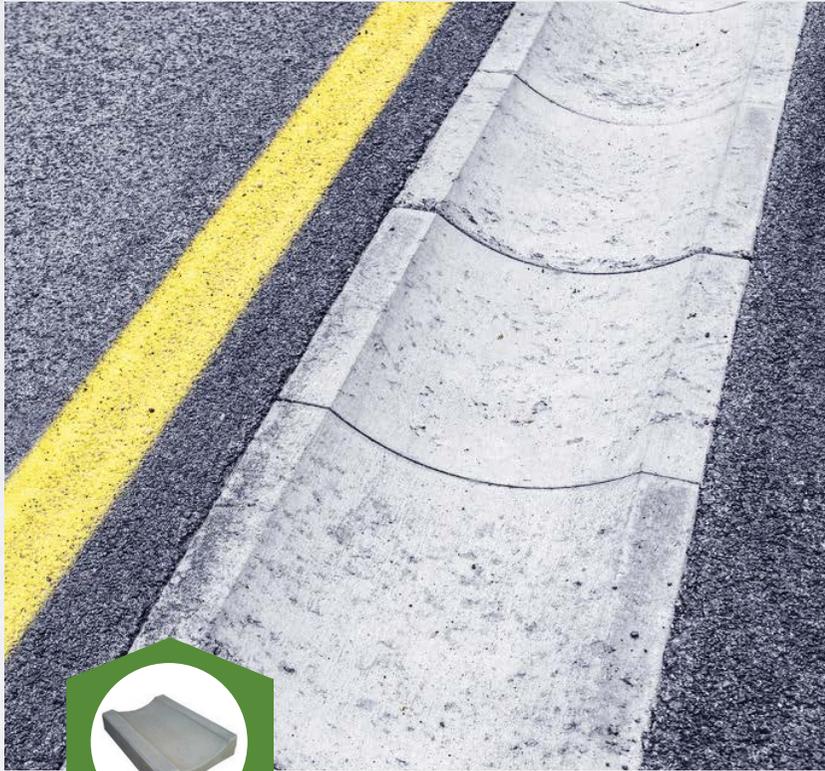
Kerb stones are used in constructing Road island, footpaths, driveways, guide walls and medians.

Features and benefits:

-  High weather resistance
-  High compress strength
-  Low water absorption

Technical Properties:

Property	Value
Block Size	500 X 400 X 120 mm
Core Size	114 mm
Face Size	6 mm
Crushing Strength	20-30 MPA
Weight Average	± 55 kg/pc
Water Absorption	3-5%
Req Pcs/ R.Meter	2



SAUCER DRAINS

Machine-manufactured from coarse aggregates, Saucer Drains have great load-bearing capabilities with enhanced weather resistance properties. They are low maintenance, economical and environment friendly.

Application:

Saucer Drains are used in road islands, footpaths, driveways, guide walls and medians.

Features and benefits:

-  High weather resistance
-  High compress strength
-  Low water absorption

Technical Properties:

Property	Value
Block Size	400 X 303 X 150 mm
Core Size	150 mm
Face Size	0 mm
Crushing Strength	20-30 MPA
Weight Average	± 33 kg/pc
Water Absorption	3-5%
Req Pcs/R. Meter	2.45



EROSION CONTROL OR RIVER SLOPE CONTROL BLOCKS

Made with concrete compacted by high pressure and vibration using advanced technological processes, our Erosion Control Blocks are used for protection against erosion by wind and water. Not only do they solve the erosion problem, their innovative erosion control system also enhances the aesthetic beauty of riverbanks and lakesides as well as highway and railway bridge embankments. Erosion Control Blocks not only help save the environment by protecting riverbanks and soil, they also beautify their surrounding areas. They are available in standard sizes, with lasting colors and textures.

Application:

Erosion Control Blocks are used for river bank protection, soil erosion protection, roads and highways, railway bridge embankments, lakes, ferry landings, slope protection, retaining walls and other forms of protection from erosion.

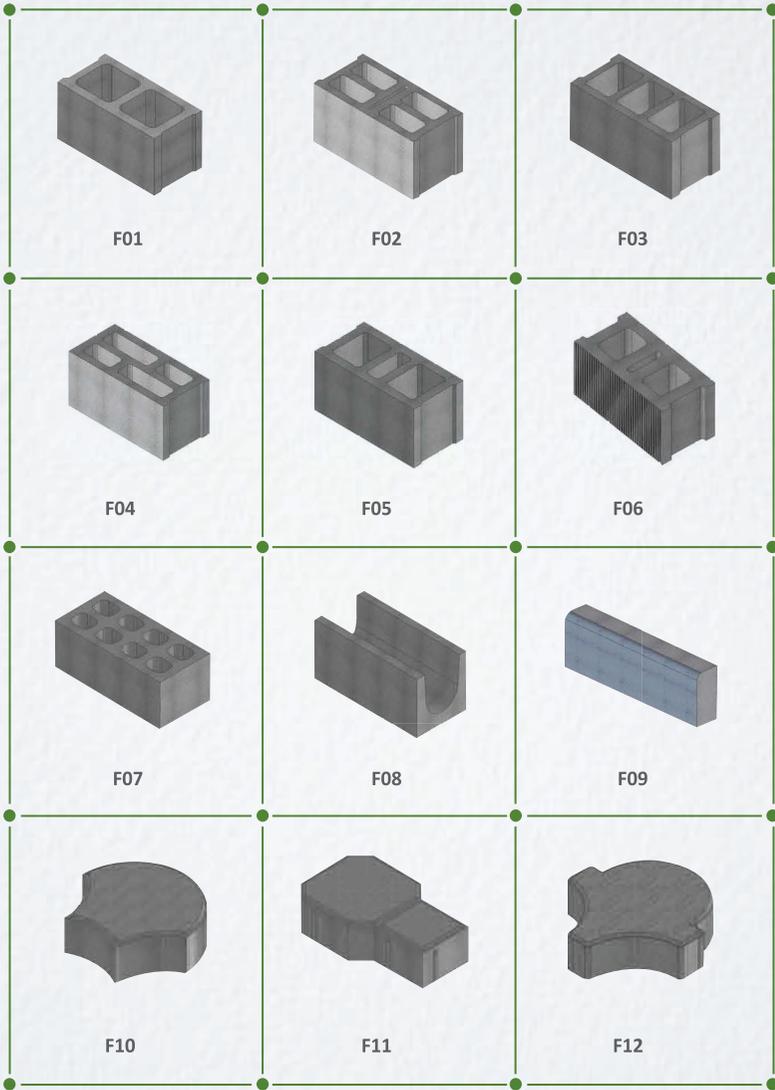
Features and benefits:

-  High weather resistance
-  High compress strength
-  Low water absorption
-  Mechanical interlock.

Technical Properties:

Property	Value
Block Size	400 X 400 X 250 mm
Core Size	244 mm
Face Size	6 mm
Crushing Strength	20-30 MPA
Weight Average	± 70 kg/pc
Water Absorption	12-15%
Req Pcs/Sqm	6.25

Products



These products can be delivered based on advance order and minimum quantity.

Products



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