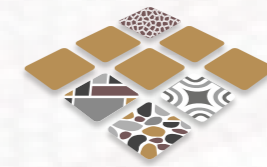


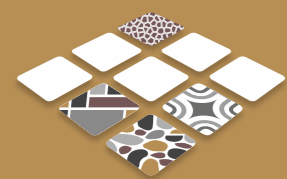
2022



METCO[®]
Paver Blocks & Tiles



make every day brighter



METCO[®]
Paver Blocks & Tiles

OFFICE

📍 Patel Compound, Plot No. 880, Sector 40, behind Bharat Petrol Pump,
Panvel Mumbra Road, Talaja, Navi Mumbai - 410208. INDIA.

☎ 9930575757 / 7021232304 / 8082559002

✉ metco.bmc@gmail.com

🌐 www.metcoblocks.com

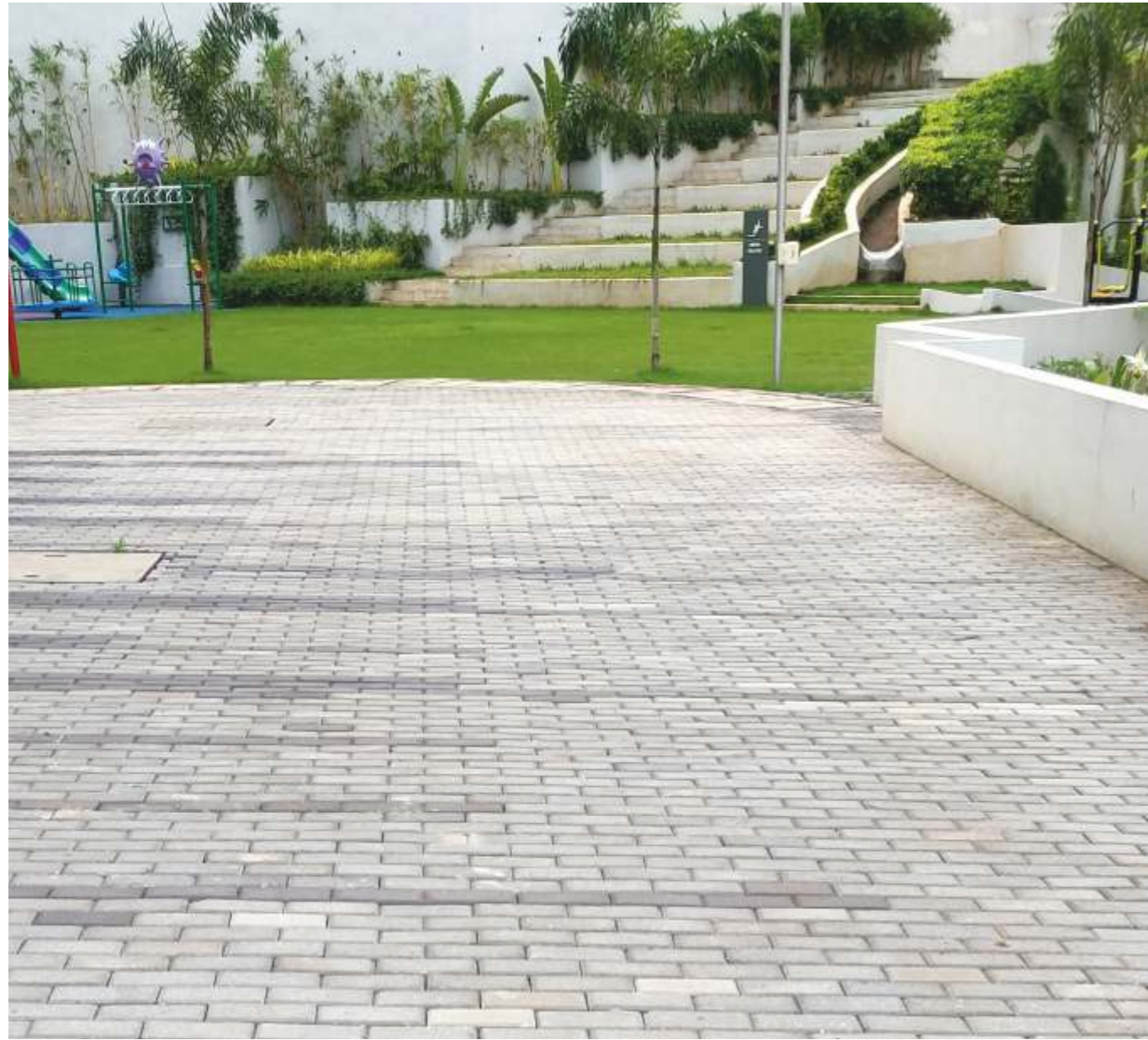
FACTORY

📍 Survey No. 58/6, Patilwadi, behind bombay beer company,
Taloja MIDC - 410208, Maharashtra, India.

“

Wonder
Exterior
Complete
Flooring

”



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Our Mission

We are at Metco to supply our customers the highest level of quality construction product at fair and market competitive prices. To ensure the longevity of our company through repeat and referral business achieved by customer satisfaction in all areas including timeliness, attention to details and service- minded attitudes. To maintain the highest levels of professionalism, integrity, honesty and fairness in our relationships with our suppliers, subcontractors, professional associates and customers. To be the preeminent provider of superior construction product by consistently improving the quality of our product to add value for clients through innovation, foresight, integrity and aggressive performance; and to serve with character and purpose that brings honor to god.



Concrete Solid Blocks, Hollow Blocks, Flyash Bricks



Sr. No.	Particulars	Units	Values
01	Size	mm	390x190xThickness
02	Thickness	mm	90/125/140 /190
03	Make to Order	mm	390x140x Thickness New
04	Thickness	mm	100/150/230
05	Size Tolerance	mm	+/-3
06	Compressive Strength	kg/cm2	50-70
07	Water Absorption	%	10% Max
08	Fire Resistance	Hrs.	2 Hrs Min
09	Dry Shrinkage	%	0.10% Max
10	Moisture Movement	%	0.09 Max

* We strictly follow IS:2185 Quality Standard in the manufacturing of blocks.

Solid Blocks



Sr. No.	Particulars	Units	Values
01	Size	mm	390x190x Thickness
02	Thickness	mm	90/125/140/190
03	Size Tolerance	mm	+/-3
04	Compressive Strength	kg/cm2	50-70
05	Water Absorption	%	10% Max
06	Fire Resistance	Hrs.	2 Hrs Min
07	Dry Shrinkage	%	0.10% Max
08	Moisture Movement	%	0.09 Max

* We strictly follow IS:2185 Quality Standard in the manufacturing of blocks.

Hollow Blocks



Sr. No.	Particulars	Units	Values
01	Size	Inch	9" x 4" x 3" / 9" x 4" x 6"
02	Size Tolerance	mm	+/-3
03	Compressive Strength	kg/cm2	50-70
04	Water Absorption	%	10% Max
06	Dry Shrinkage	%	0.10% Max
07	Moisture Movement	%	0.09 Max

* We strictly follow IS:2185 Quality Standard in the manufacturing of blocks.

Flyash Bricks

Benefits of Solid Blocks & Hollow Blocks

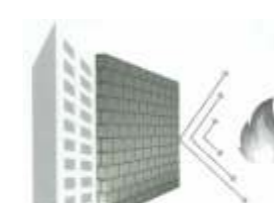
Energy Efficient



Advantage of Hollow Block

Hollow block doesn't allow external heat to enter the internal part of room. Hollow concrete block have good insulating properties against sound, heat & dampness.

Fire Resistant



Blocks are suitable for use in areas where fire safety is recommended. As these blocks are fire resistant from 2 to 6 hours depending on the thickness of the wall.

Pest Resistant



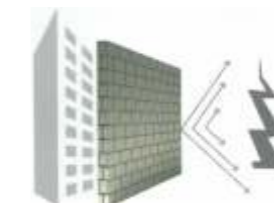
The pest resistant properties (as the blocks are made of inorganic materials) of Concrete block keeps termites away, avoiding damages and losses.

Sound Insulation



Having a commendable STC (Sound Transmission Class), Concrete block elements are appropriate material for wall construction

Earthquake Resistant



The manufacturing process gives the block's commendable strength, maintaining its weight property due to which the steadiness of these blocks in buildings is more reliable, making it earthquake resistant and giving it a longer life.

Water Saver



For the curing process of Concrete block walls, there is no need to water the blocks, only the mortar joints need to be cured with water saving the water consumption.

Flyash Bricks Benefits

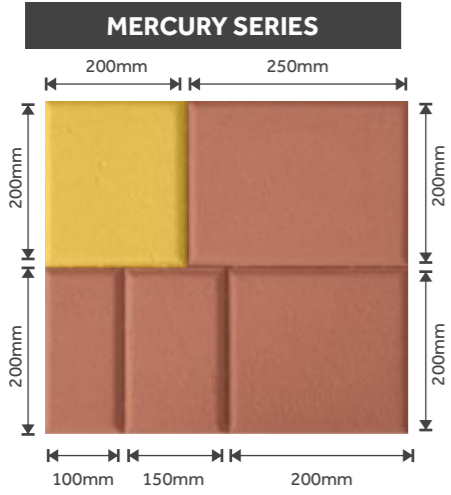
Limits as per IS-12894-2002 RA 2017

Characteristics	Compressive Strength	Water Absorption	Wastage	Eco Friendly
Flyash Bricks	 70-120 kg/cm2	 15-17%	 1%	 Yes, Uses Fly Ash, No Chimney Required
Red Brick	 30-60 kg/cm2	 17-22%	 3-4%	 No, Uses Fertile Soil, Chimney required

Shot Blasted Combi Tiles

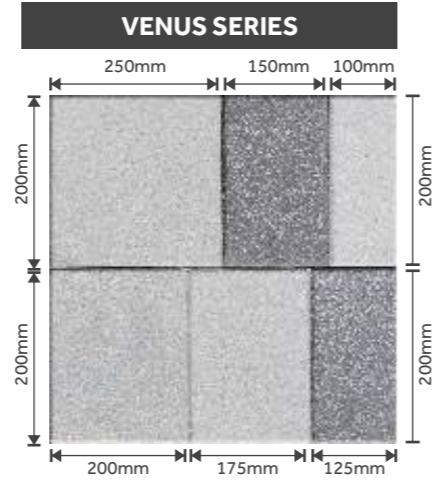
35mm / 60mm / 80mm Thickness

Combi Shot Blasted Paver (200 Series) (35mm Thick)



400 x 450mm (Straight & Round Chamfer)

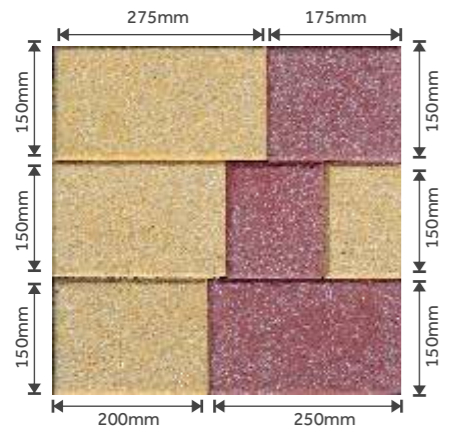
Combi Shot Blasted Paver (200 Series) (60mm Thick)



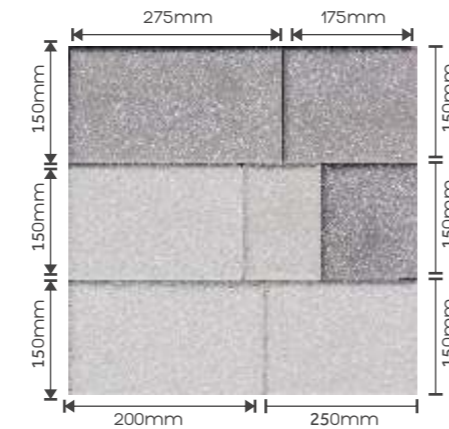
400 x 450mm (Straight & Round Chamfer)

Combi Shot Blasted Paver (150 Series) (35mm Thick)

NEPTUNE SERIES



400 x 450mm (Straight & Round Chamfer)

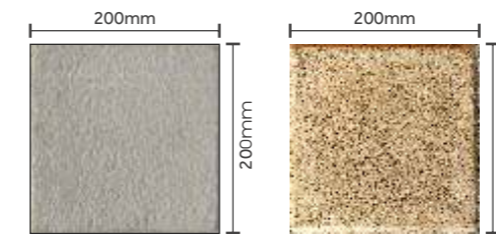


400 x 450mm (Straight & Round Chamfer)

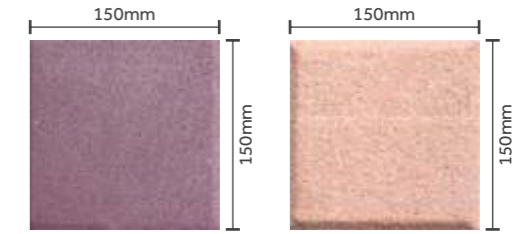
Shot Blasted Paver Blocks



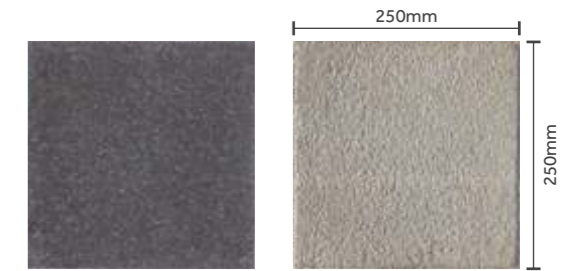
Shot Blasted Shot Blasted
(200mm x 100mm x35mm) Straight & Round Chamfer)



Shot Blasted Shot Blasted
(200mm x 200mm x60mm) Straight & Round Chamfer)



Shot Blasted Shot Blasted
(150mm x 150mm x35mm) Straight & Round Chamfer)



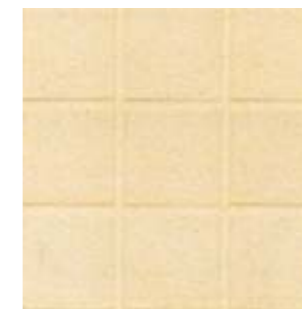
Rustica Grey Rustica Black
(250mm x 250mm x60mm) Straight & Round Chamfer)

Shot Blasted Chequered Tiles

300 x 300 x 25/30 mm



Shot Blasted 1620 Red



Shot Blasted 1620 Red



Shot Blasted GC 1624 Medium Grey



Shot Blasted GC 1624 Medium Grey



Shot Blasted GC 1632 Grey



Shot Blasted 1620 Yellow



Shot Blasted GC 1632 Grey



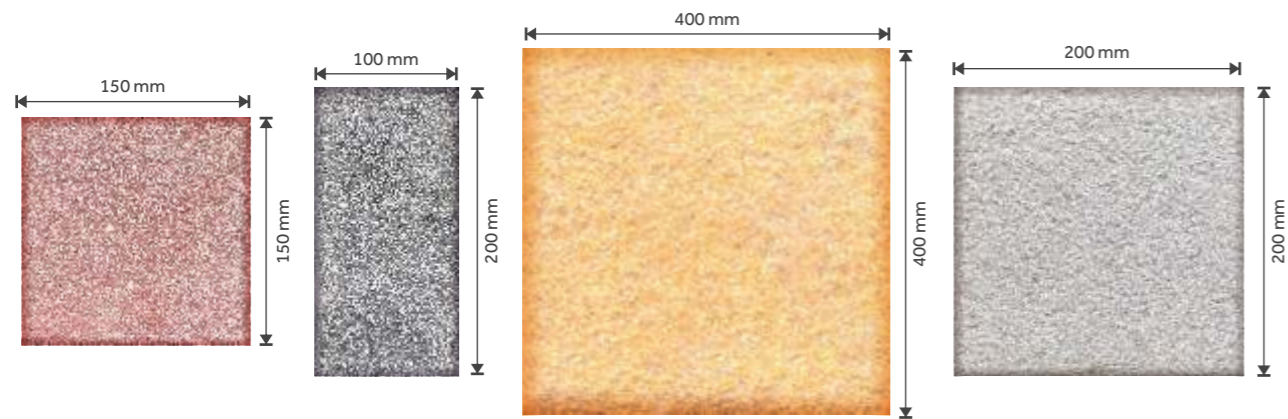
Shot Blasted GC 1639 Red

Why Shot Blasting ?

Shot blasting adds premiumness to pavers by adding a rough texture on the surface that is lauded by designers worldwide. It emulates the natural appearance of a rock. Shot blasted pavers also provide immense grip to the surface making it anti-slippery. More importantly, the texture is visually appealing.

Shot Blasted Paver Blocks

60 / 80 mm



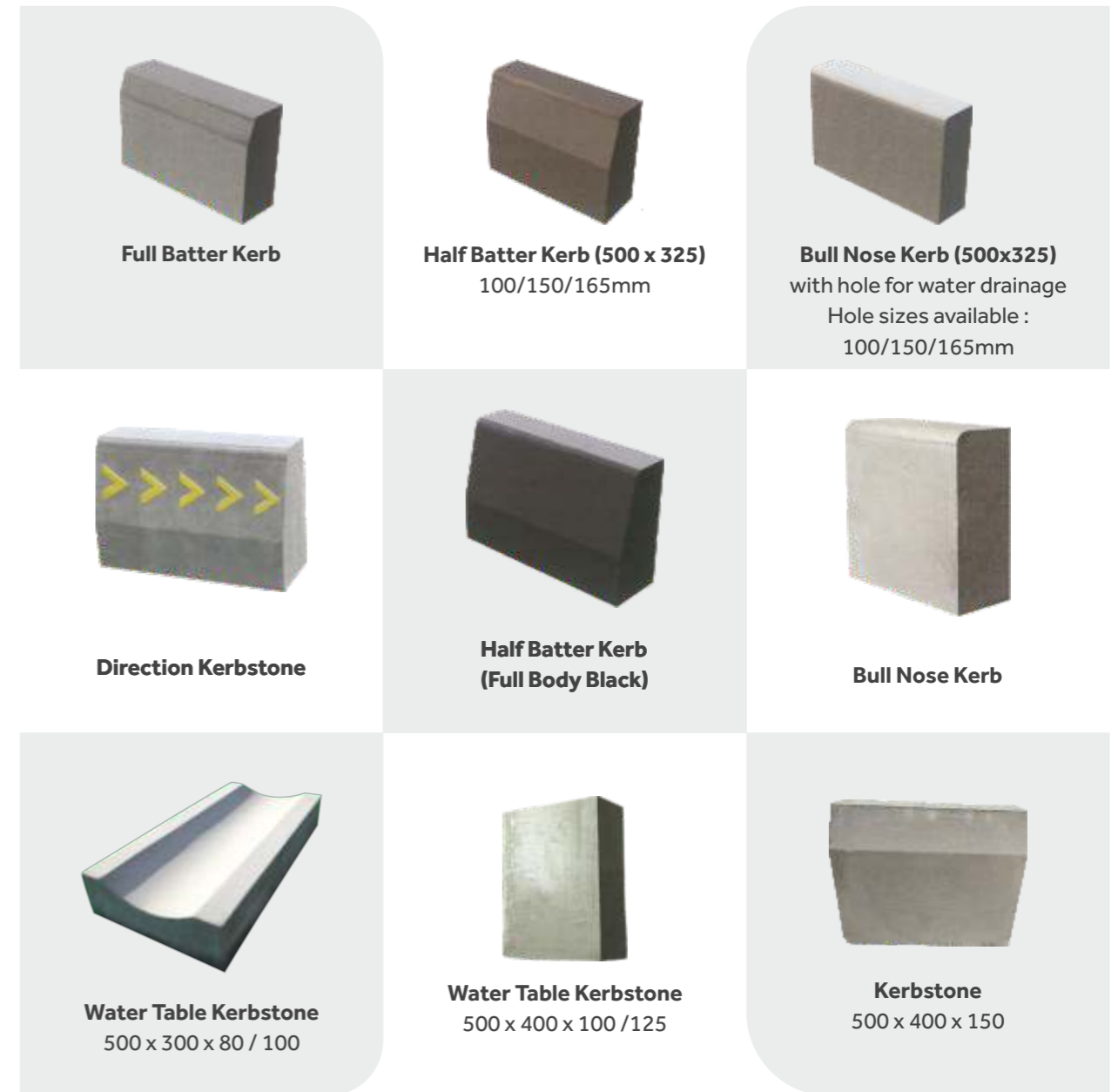
Kerbstone

A symbol of top quality, high strength and durability. Super Kerb Stone also imparts great aesthetic appeal to the exteriors. Kerb Stone can be used as dividers, on sidewalks, or as copings. Super Kerb Stone comes with a pimple finish and can be made available in different colours.

Specification of Kerb Stone as per IS 5758 : 1984

- Dimensions Tolerance
- Length + 3mm
- Width +1.5mm-3mm
- Thickness +3mm
- Water Absorption < 8% (After 24 Hours)

- Half Batter (HB)** - Most frequently used shape, for deflection of traffic and safety of pedestrians
- Bull Nose (BN)** - To provide access to vehicles from carriageways to an access point across the carriageway
- Full Batter (FB)** - To allow to climb over the footway
- Rectangle (RE)** - Used as flush kerbs - To provide restraints at FFL



Types of Kerbstone Sizes :

Bull Nose Kerb		Half Batter Kerb		Full Batter Kerb		Rectangular Kerb	
500x325x100	500x325x125	500x325x100	500x325x125	500x325x100	500x325x125	500x325x100	500x325x125
600x300x100	600x300x125	500x325x150	500x325x165	500x325x150	500x325x165	500x325x150	500x325x165
600x450x100	600x450x125	600x450x100	600x450x125	600x450x100	600x450x125	600x300x100	600x300x125
600x450x150	300x450x150	600x450x150	300x450x150	600x450x150	300x450x150	600x450x150	300x450x150



Glossy Chequered Tiles

300 x 300mm Finishes Available
25/30mm Thickness

35 x 35mm	002	003	004
005	006	007	008

Matt Finishes Tiles (Machine Made)

300 x 300mm Finishes Available
25/30mm Thickness

009 Light Grey	010 Dark Grey	011	012
013	014	015	016

Smooth Finish Interlocking Reflective Paver

60mm & 80 mm thick



Zigzag
100 sq.ft. = 295 (60/80mm)



Jumbo Colorado
100 sq.ft. = 225 (60/80mm)



Cascade
100 sq.ft. = 223 (60mm)



Euphrates
100 sq.ft. = 256 (60mm)



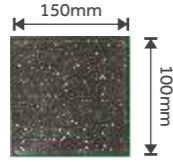
Brooks
100 sq.ft. = 192 (60mm)



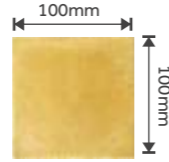
Bruce
100 sq.ft. = 304 (60mm)



Brick Stone Finish
100 sq.ft. = 464 (60mm)



Big Cobble
100 sq.ft. = 413 (60mm)



Cobble
100 sq.ft. = 929 (60mm)



Big Cobble
100 sq.ft. = 929 (60mm)



Grass Paver



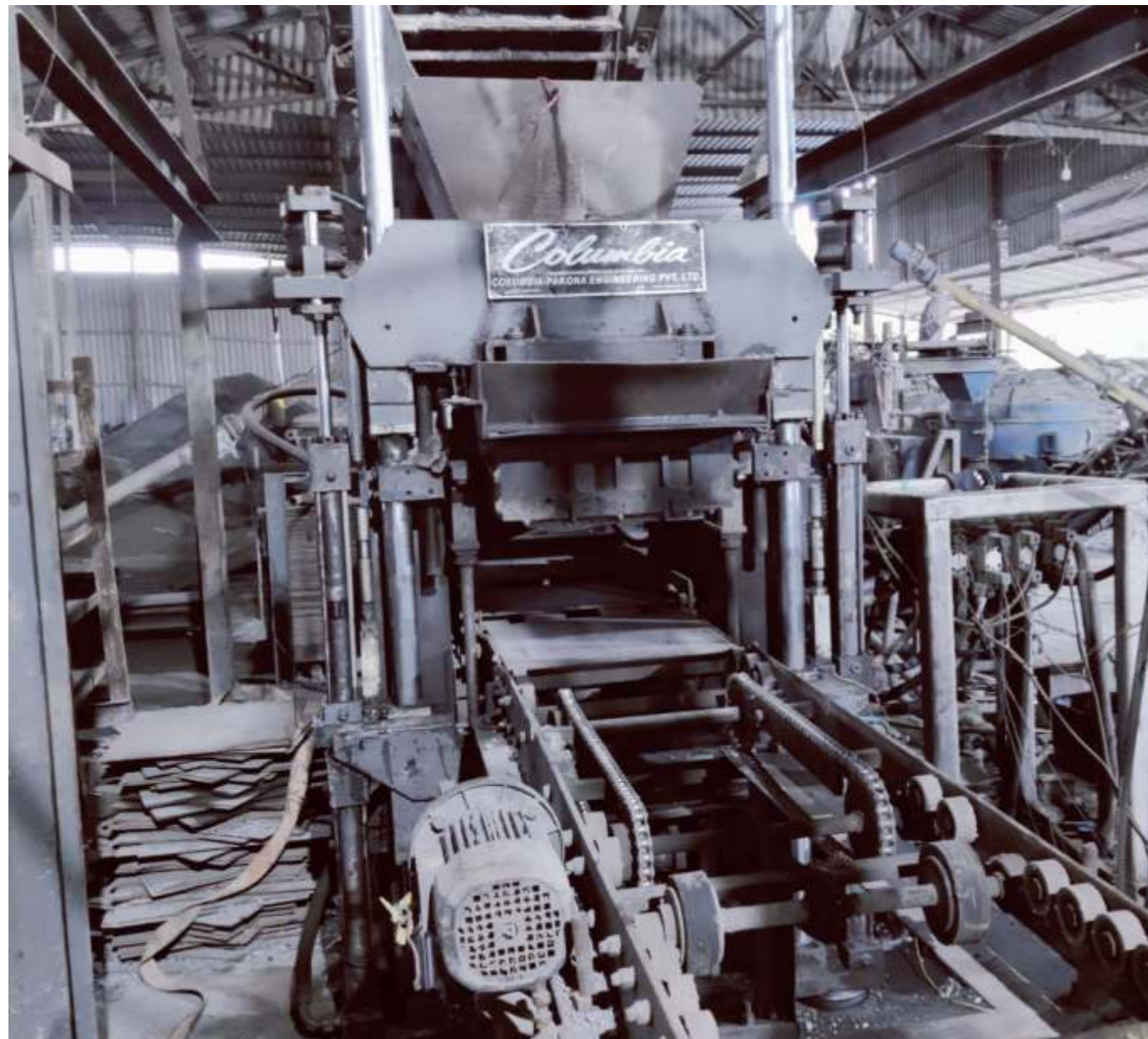
Single Layer

60mm & 80 mm thick

It provides a hard surface which is good to look at, comfortable to walk on, extremely durable and easy to maintain.

Available Sizes :

- 100x100x60/80 mm
- 200x100x60/80/100mm
- 150x150x60mm
- 200x200x60/80 mm
- Zigzag 60/80/100 mm



Sand Finish Paver Block

Available in : 60mm, 80mm, 100mm, 110mm, 120mm thickness

- Recommended for Roads, Industrial Compounds, Ports, Container Yards, etc.
- Strength - M-45, M-50, M-55.



Rectangle
100 Sq.ft. = 464

Rectangle
100 Sq.ft. = 363



Quality Spacers For Superior Construction

an ISO 9001:2015 Certified Company

METCO is the pioneer in introducing concrete spacers (also known as cover blocks) in India.

Over the years METCO has become benchmark of high quality in fibre reinforced concrete spacers / cover blocks.

With multiple tests conducted at reputed domestic and international test labs, METCO cover blocks have been approved and used in various prestigious projects.



SINGLE COVER SPACERS / COVER BLOCKS

Single Cover Spacers / Cover Blocks are the most basic form of spacers in use.
Easy to install and identify.

Most economical option amongst all.



MULTI COVER SPACERS / COVER BLOCKS

Multiple Cover Spacers / Cover Blocks are widely used for infrastructure and precasting works.

Recommended for projects to control inventory



HEAVY DUTY SPACERS / COVER BLOCKS

Heavy Duty Spacers / Cover Blocks are used in members with very high reinforcement load e.g. Heavy Rafts or Footings.

Ideal for high reinforcement loads due to their high breaking load rating.



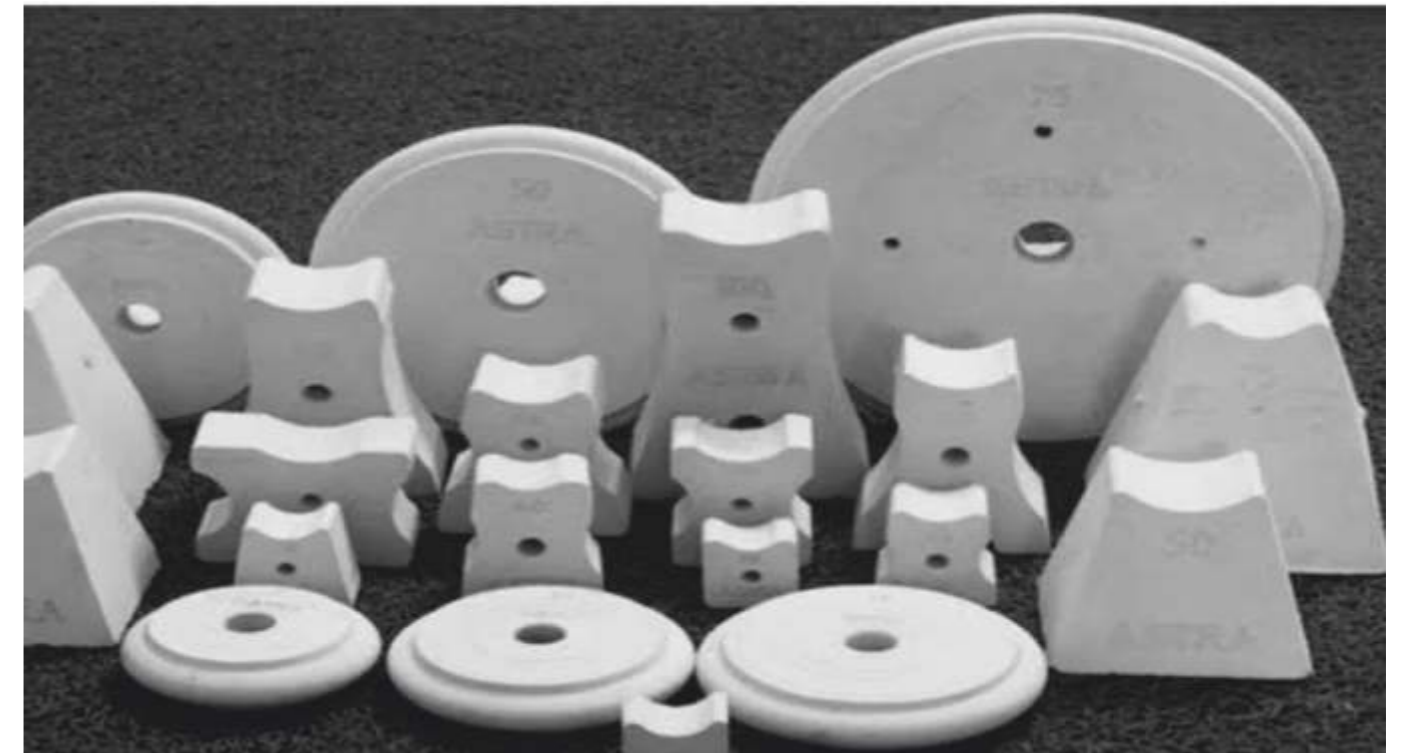
Why Concrete Spacers ?

Why spacers (cover Blocks) are a must in R.C.C. Structures

Spacers help maintain proper cover to the reinforcement bars. Proper cover is essential as

- It provides protection from external environment to rebars against corrosion
- It ensures adequate bond area so that stresses from concrete are transferred to steel
- It delays softening of rebars due to high temperature in case of fire

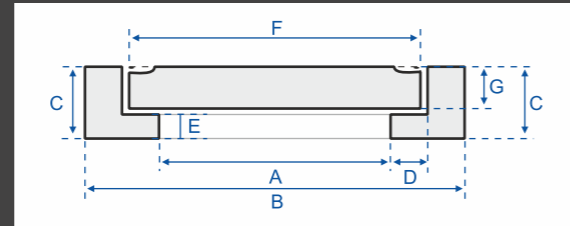
Sr. No.	Cover Size	Max. Permissible Rebar Dia.	Min. Breaking Load	Packing per Bag
01	15mm	16mm	3000N	1000 nos
02	20mm	18mm	3200N	800 nos
03	25mm	18mm	3400N	700 nos
04	30mm	30mm	3700N	500 nos
05	35mm	30mm	4000N	400 nos
06	40mm	30mm	4300N	300 nos
07	45mm	30mm	4900N	250 nos
08	50mm	40mm	5200N	50 nos
09	55mm	40mm	5600N	150 nos
10	60mm	40mm	6100N	100 nos
11	70mm	40mm	7200N	100 nos
12	75mm	40mm	7800N	100 nos
13	100mm	40mm	8400N	50 nos



Manhole Covers and Frames



All of our manhole covers and frames are manufactured using steel fabric reinforced concrete (RCC) and are designed to meet load test requirement of IS-12592.



Product Code	Product Description	Shape	Frame Details					Cover Details	
			A	B	C	D	E	F	G
MHCF - 01 ^(*)	Extra Heavy Duty - 35	Circular	560	875	175	75	75	720	100
MHCF - 02	Extra Heavy Duty - 35	Circular	600	910	175	75	75	760	100
MHCF - 03	Heavy Duty - 20	Circular	690	950	140	50	50	800	90
MHCF - 04	Heavy Duty - 20	Circular	600	870	155	50	65	710	90
MHCF - 05	Heavy Duty - 20	Circular	600	910	155	75	75	760	80
MHCF - 06 ^(*)	Heavy Duty - 20	Circular	560	875	155	75	75	720	80
MHCF - 07	Heavy Duty - 20	Circular	450	720	155	50	65	560	90
MHCF - 08 ^(*)	Heavy Duty - 20	Square	600x600	840x840	130	50	50	710x710	80
MHCF - 10	Heavy Duty - 20	Square	450x450	760x760	155	75	75	610x610	80
MHCF - 11 ^(*)	Heavy Duty - 20	Rectangular	600x450	910x760	155	75	75	760x610	80
MHCF - 12	Medium Duty - 10	Circular	500	710	110	50	50	610	60
MHCF - 13 ^(*)	Medium Duty - 10	Circular	560	770	110	50	50	670	60
MHCF - 14 ^(*)	Medium Duty - 10	Square	600x600	810x810	100	50	50	710x710	50
MHCF - 15	Medium Duty - 10	Square	450x450	660x660	100	50	50	560x560	50
MHCF - 16 ^(*)	Medium Duty - 10	Rectangular	600x450	810x660	100	50	50	710x560	50
MHCF - 17 [*]	Medium Duty - 10	Rectangular	900x550	1200x855	130	50	50	1000x650	70
MHCF - 18 ^(*)	Medium Duty - 10	Rectangular	900x800	1350x1250	150	50	50	1025x925	70
MHCF - 19	Light Duty - 2.5	Square	450x450	610x610	80	30	40	500x500	40
MHCF - 20	Light Duty - 2.5	Rectangular	600x450	780x630	80	30	40	670x520	40
MHCF - 21 ^(*)	Gully Trap	Square	260x260	390x390	75	20	30	300x300	40
GGCF - 01 ^(*)	Gully Grating	Rectangular	500x450	680x630	120	30	50	570x520	70
GGCF - 02	Heavy Duty Gully Grating	Rectangular	500x450	680x630	150	30	50	570x520	100
GGCF - 03 ^(*)	Gully Grating	Rectangular	600x300	770x470	120	30	50	670x370	70

(*) above covers can be provided with holes

TANK LIDS



PRODUCT CODE	WT 01	WT 02	WT 03
DIMENSIONS			

GGCF - 01



MHCF - 06 Plain



MHCF - 06 With Hole



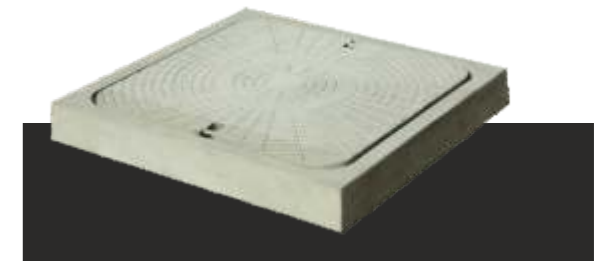
MHCF - 08



MHCF - 10



MHCF - 14



MHCF - 15



MHCF - 16



MHCF - 19



MHCF - 20

