



Product Catalogue



TRAFFIC SAFETY Products & Signage



Authorised Convertor

About Us

A name of distinction, we, CBM Industrie Pvt. Ltd., stand tall as a pioneer manufacturer and exporter of innovative Railway Signage, Tools & other Safety Accessories for the Indian Railways. Also, we are one of the most trusted service providers undertaking Contractual Projects, Real Estate Job-work, Street Lighting, Road Works, BOT Projects and Road Marking, etc. Our history rolls back to 1971, and since then we have remained in the forefront by introducing latest trends in road signage and safety measures. Over the years, we have broaden our product line, and at present we are the one stop source offering variety of signage and safety products like Retro Reflective Signs, Backlit Decorative Signage, Monolithic Towers, ACM Signage, Pylon Signage, LED Signage, Road Furniture and lots more.

With our cutting edge technology, strong research and development facility and production excellence, we have bagged various distinctions. For example, we own the credit of introducing B.O.T. concept for the first time in India. At first we implemented it for the Ring Road, Delhi on 1997, which are still in use. After its grand success, we carried out similar projects for Kerala, Punjab & Noida. Also, we have been privileged to become one of the largest authorized converters of Traffic Safety Systems (TSS) Division of 3M India Ltd., the Indian subsidiary 3M Inc. US. Further, we have received ISO 9001-2000 certification and various other industrial acclamation.

Moreover, our top of the line production facilities and adroit team of professionals have enabled us to win over other competitors in the market. The team members are highly experienced and are given frequent training sessions regarding the technical and managerial advances in the industry. Thereby, they provide apt and prompt services enabling us to cater the client's requirement in a promising way.

Robust Post With Spring Mechanism (Center Verge)

CBM RPCV-95

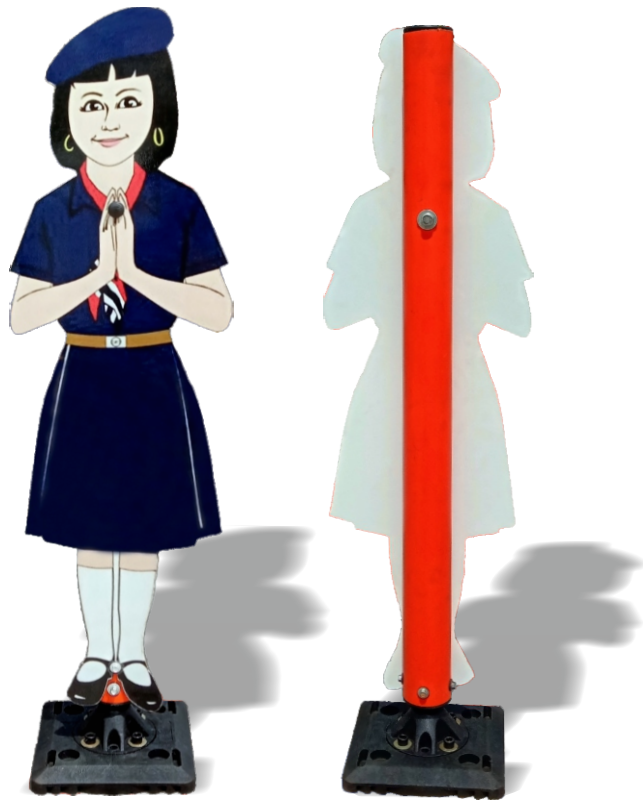
Material	PE (UV Stabilized)
Height (mm)	950
Diameter (mm)	60
Post Thickness (mm)	5
Colour	White, Red, Orange & Yellow
Lane Divider (L x W x H) (mm)	1000x150x40
Lane Divider Colour	Orange
Reflective Size (mm)	75x3Nos or 100x2Nos Bands of 3M
Fixing	8 Nos Fastner/Nails with Epoxy



Robust Post With Spring Mechanism (With Hazard Marker, Chevron)

The Spring mechanism makes this robust tubular post very efficient in its working. It is designed to return to its original position without damaging itself and the vehicle. The message plate (ACP) is fixed with reopenable nut bolts and **3M** Reflective Tape.

Applications: It can be used for Lane Dividings, Dangerous U-Turns, Road Nosings, Schools, Metro Stations, Police Stations, Sharp Curves, No-Entry Zones, Multi Lanes, Highways, Parking Lots etc.



CBM RPHM-95

Height (mm)	950
Diameter (mm)	60
Post Thickness (mm)	5
Base Size (L x W) (mm)	200x200
Colour	White, Red, Orange & Yellow
Base Colour	Black
Reflective Material	3M Sheet
Message Area (mm)	300x600



Robust Center Verge Post With Spring Mechanism (With Hazard Marker)

CBM HMCV-95

Height (mm)	950
Post Diameter (mm)	60
Post Wall Thickness (mm)	5
Colour	White, Red, Orange & Yellow
Lane Divider (L x W x H) (mm)	1000x150x40
Lane Divider Colour	Orange
Reflective Size (mm)	75x3Nos or 100x2Nos
Message Area (mm)	300x600



Pedestrian Post

Material: PE (UV stabilized)

Durable, rigid, antique design made specifically to amalgamate with the historical structures/areas. **3M** Reflective sheet makes it visible during night. The hole can be used to be used with chain for distancing pedestrians from traffic.

Applications: Pavements, Walks ways, Residential Areas, Shopping Malls, Historical places and all public areas to guide and channelize Pedestrians.



CBM PP55

Height (mm)	550
Base (mm)	225x225
Weight	1.65 Kg (Approx.)
Colour	Red/Carbon/Blue



Authorised Convertor

Robust Metal Bollards

Material: Mild Steel Powder Coated.

Durable, rigid, urban design made specifically to beautify the urban areas. **3M** Reflective sheet makes it visible during night.

APPLICATIONS: Pavements, Walks ways, Residential Areas, Shopping Malls, and all public areas to guide and channelize Pedestrians.



CBM MSB-70

Material	MS (Powder Coated)
Height (mm)	700
Base Plate Dia. (mm)	165
Bollard Dia. (mm)	90
Reflective Area	75mm x 2 Bands of 3M
Weight	4.75 Kg (Approx.)
Colour	Black or As Required

Flexible Traffic Bollards

Material: PU (UV stabilized)

APPLICATIONS: Nosing for Center Verge/Flyover

CBM FTB-90

Material	PU (UV Stabilized)
Height (mm)	900
Diameter (mm)	160
Base (mm)	250x250
Colour	Yellow/Red/Black
Reflective Sheet	Yellow or White 3M



CBM FTBS135

Material of Signage	PPCP/PE
Height (mm)	1350
Diameter (mm)	160
Base (mm)	250x250
Circle Diameter	410mm
Colour	Yellow/Red/Black
Reflective	Yellow or White 3M



Collapsible Vertical Post

Material: PE/PPCP

A unique product that finds its application in parking slots. Its collapsible post avoids any damage to vehicle.

Applications: Parking lots, working zones, construction areas, residential areas etc.



CBM CVP100

Post Material	PE/PPCP
Size (mm)	220x1145
Message Area (mm)	200x800
Base Material	Rubber
Base Size (mm)	480x310x40
Reflective Material	3M Sheet



Collapsible Vertical Post with Signs

CBM CVPS90

Size L x W x H (mm)	600 x 480 x 900
Print Area W x H (mm)	600x600
Base Size (mm)	480x300
Reflective Material	3M Sheet



Flexible Urban Delineators

Material: Poly Urethane (UV stabilized)

It restores its position quickly after being hit by a vehicle, without damaging itself or the vehicle. Highly reflective tape of **3M** is used to display the message area.

APPLICATIONS: Flexible Delineators are used for Lane Dividings, Dangerous U-Turns, Road Nosings, Sharp Curves, No-Entry Zones, Multi Lanes, Highways, Parking Lots etc.



CBM FD75

Height (mm)	750
Width (mm)	120
Base Diameter (mm)	200
Message Area (mm)	100x400
Weight	1.5 Kg (Approx.)



CBM FD75B

Height (mm)	750
Width (mm)	120
Base Diameter (mm)	340
Message Area (mm)	100x400
Weight	4.5 Kg (Approx.)



Flap Type Delineator

Base material: ABS.
Flap material: EVA (Orange Colour)
To be used on Dividing Line

CBM FD30

Size LxBxH (mm)	250x150x300
Reflective Area (mm)	75x55
Reflective Material	3M Sheet



Flexible Urban Post

Material: Flexible Plastic
It can be used for periphery of playgrounds, lawns and outdoor Parking areas. Available in colours as per requirement.

CBM FP80

Height (mm)	800
Diameter (mm)	80
Base Size (L x W) (mm)	200x200



Road Safety Cones

Injection moulded cones, made of UV stabilized PE material to sustain its colour in all weather conditions. The world class reflective material by **3M**, enhances the visibility making it visible during night. The insert moulded heavy rubber base (optional), helps it retain its position during windy conditions. Provisions have been given in different models to use accessories (chain, message plate, hook, solar delineators etc.) proving them useful for various applications.

Applications: These can be used to manage traffic, at construction sites, parking areas etc.



CBM 75C

Height (mm)	750
Base Size (mm)	385 x 385
Sleeve Size (inches)	4" or 6" 3M Sleeve
Colour	Bright Orange
Weight	1.2 Kg (Approx.)



CBM 75CB

Height (mm)	750
Base Size (mm)	385 x 385
Sleeve Size (inches)	4" or 6" 3M Sleeve
Colour	Bright Orange
Weight	3.8 Kg (Approx.)
Base Colour	Black

CBM 75CHB

Height (mm)	750
Base Size (mm)	385 x 385
Sleeve Size (inches)	4" or 6" 3M Sleeve
Colour	Bright Orange
Weight	4.8 Kg (Approx.)
Base Colour	Black



CBM 75HBR

Height (mm)	750
Base Size (mm)	385 x 385
Sleeve Size (inches)	4" or 6" 3M Sleeve
Weight	5 Kg (Approx.)
Colour	Red/Orange



CBM 95HB

Height (mm)	950
Base Size (mm)	400
Sleeve Size (inches)	9" 3M Sleeve
Weight	6 Kg (Approx.)
Colour	Bright Orange
Base Colour	Black



CBM 95HBR

Height (mm)	950
Base Size (mm)	400 x 400
Sleeve Size (inches)	9" 3M Sleeve
Weight	5.5 Kg (Approx.)
Colour	Bright Orange



CBM 75BMC

Height (mm)	750
Base Size (mm)	380 x 380
Sleeve Size (inches)	4" 3M Sleeve
Weight	1.8 Kg (Approx.)
Colour	Red
Base Colour	Black



CBM 100BMC

Height (mm)	1000
Base Size (mm)	390 x 390
Sleeve Size (inches)	6" 3M Sleeve
Weight	4.5 Kg (Approx.)
Colour	Red
Base Colour	Black



Safety Cones (Hexagonal)

Moulded cones, made of UV stabilized PE/PVC material to sustain its colour in all weather conditions. The world class reflective material by **3M**, enhances the visibility making it visible during night. The heavy rubber base fitted, helps it retain its position during windy conditions. Provisions have been given in different models to use accessories (chain, message plate, hook, solar delineators etc.) proving them useful for various applications.

Applications: These can be used to manage traffic, at construction sites, parking areas etc.



Height (mm)	Base Size (mm)	Reflective Bands	Colour	Base Colour	Weight
750	370 x 420	2 Nos. 3M Sheet	Bright Orange/ Red	Black	4Kg

CBM HX75-O

Bright Orange



CBM HX75-R

Red



CBM HX75-C

With Chain Connector



CBM HX75-SF

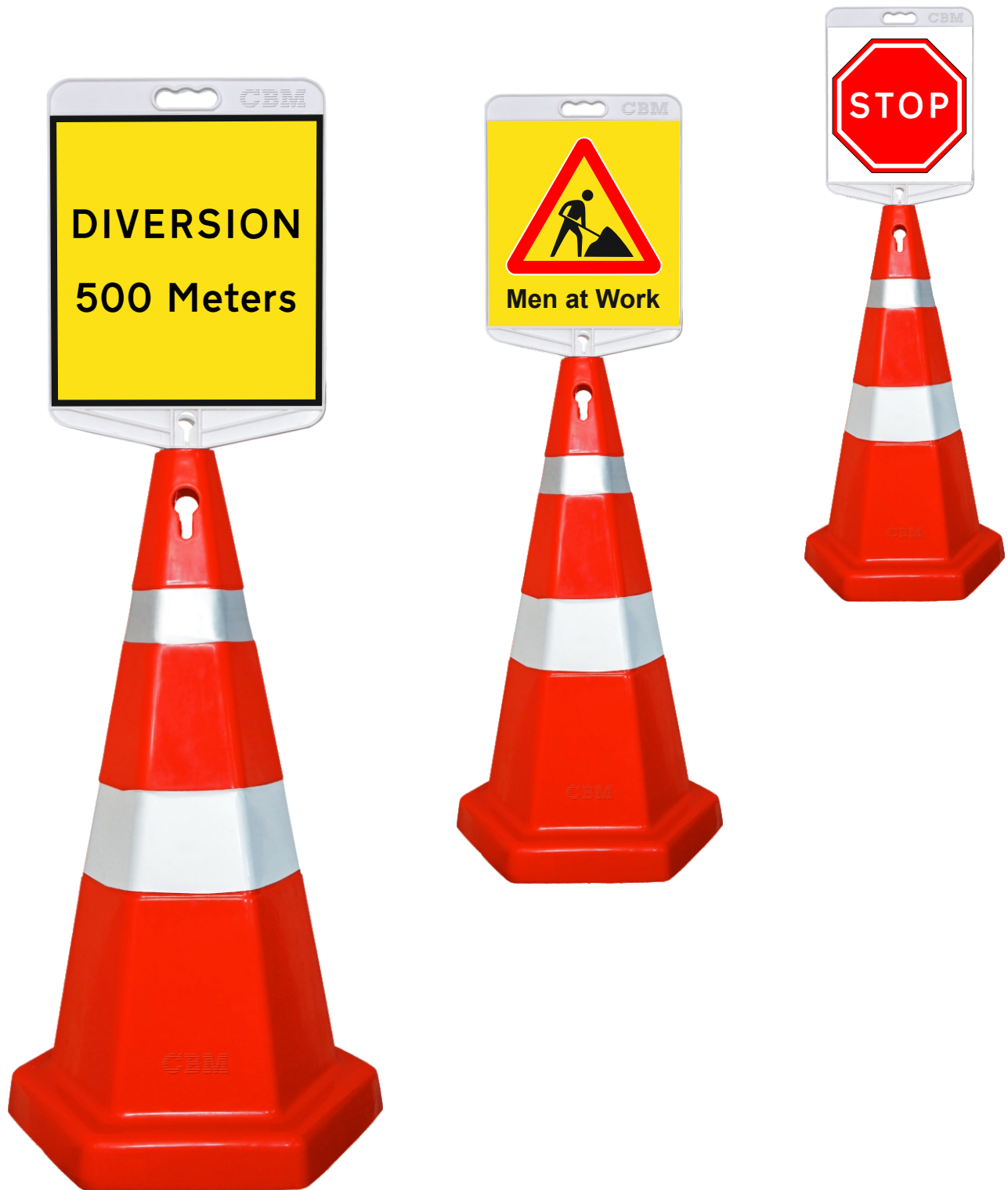
With Solar Flasher



CBM HX75-MP

Safety Cones (Hexagonal) With Message Plate

Height With Message Plate (mm)	Base Size (mm)	Reflective Bands	Colour	Base Colour	Message Plate Size (mm)	Weight
1200	370 x 420	2 Nos. 3M Sheet	Bright Orange/ Red	Black	340x400	5Kg



Accessories For Safety Cones

CBM MP40

PLASTIC MESSAGE PLATE

Message Plate for Traffic Cones made of PE, Pre-Coloured and UV Stabilized for long lasting colour.

Size (mm)	400 x 200
Thickness (mm)	10
Print Area (mm)	380 x 180
Print Media	3M Reflective



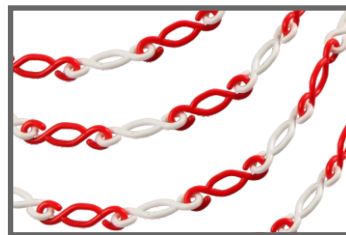
CBM PC75

BARRICADING PLASTIC CHAIN

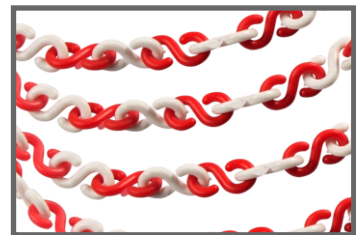
Made of PE, Link Chains are available in different colours like Red-White or Yellow-Black for easy visibility. Easy to fasten with Cones and Barriers.

Types	Thickness
"S" Type	8mm
Anchor Type	6mm
Anchor Type	4mm

Anchor Type



"S" Type

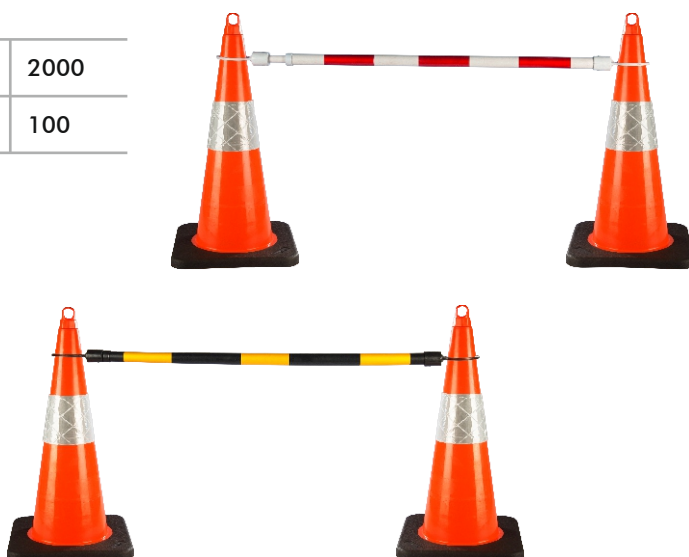


CBM 75CCR

CONE CONNECTING ROD

Made of PVC. Available in Red & White or Yellow & Black, making it easily visible. Easy to fasten with barriers or cones for barricading.

Length (mm)	2000
Ring Dia (mm)	100



Flexible Spring Delineators

Material: Poly Urethane (UV stabilized)

It restores its position quickly after being hit by a vehicle, without damaging itself or the vehicle. 2/3 bands of **3M** highly reflective tape are pasted for better night visibility.

Applications: Spring Delineators are used for Lane Dividings, Dangerous U-Turns, Road Nosings, Sharp Curves, No-Entry Zones, Multi Lanes, Highways, Parking Lots etc.



CBM FD30S

Height (mm)	300
Diameter (mm)	80
Base Diameter (mm)	200
Reflective Bands & Size	75mm Band of 3M Sheet



CBM FD71M

Height (mm)	710
Diameter (mm)	80
Base Diameter (mm)	200
Reflective Bands & Size	2x75mm Band of 3M Sheet



CBM FD75L

Height (mm)	750
Diameter (mm)	80
Base Diameter (mm)	200
Reflective Bands & Size	3x65mm Band of 3M Sheet



CBM FD80XL

Height (mm)	800
Diameter (mm)	80
Base Diameter (mm)	200
Reflective Bands & Size	3x75mm Band of 3M Sheet



CBM FD90XXL

Height (mm)	900
Diameter (mm)	80
Base Diameter (mm)	200
Reflective Bands & Size	4x75mm Band of 3M Sheet



Flexible Spring Posts And Lane Divider

Material: Poly Urethane (UV stabilized)
Excellent durability and withstands all weather conditions. The base and pole is fixed with 8mm Aluminum pin.

Applications: Flexible Spring Posts are used for Lane Dividings, Dangerous U-Turns, Road Nosings, Sharp Curves, No-Entry Zones, Multi Lanes, Highways, Parking Lots etc.



CBM 90FP

Post Height (mm)	900
Base Diameter (mm)	78
Reflective Bands	2 or 3 x 75mm of 3M Tape
Colour	Bright Orange & Lime Yellow



CBM FD-100

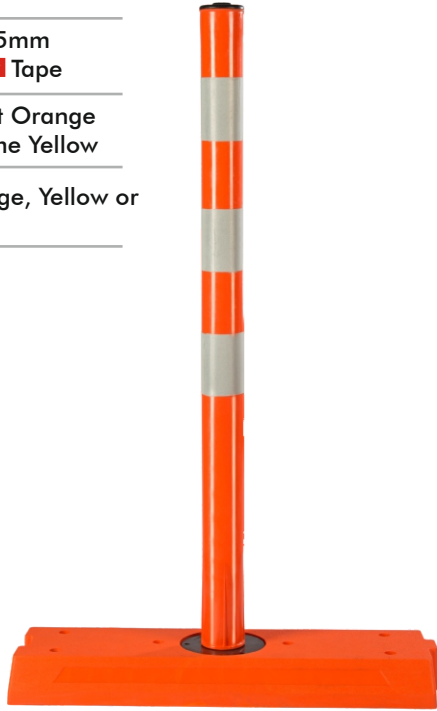
Height (mm)	1000
Diameter (mm)	80
Base Diameter (mm)	200
Reflective Bands	3 or 4 x 65mm of 3M Tape
Colour	Bright Orange



Flexible Post with Centre Verge

CBM FPCV90

Post Size (mm)	78 x 900
Base Size (mm)	750 x 250 x 75
Reflective Band	3 x 75mm of 3M Tape
Colour	Bright Orange or Lime Yellow
Base Colour	Orange, Yellow or Black



CBM FPCV71

Post Size (mm)	80 x 710
Base Size (mm)	750 x 250 x 75
Reflective Band	2 x 75mm of 3M Tape
Colour	Orange
Base Colour	Orange, Yellow or Black



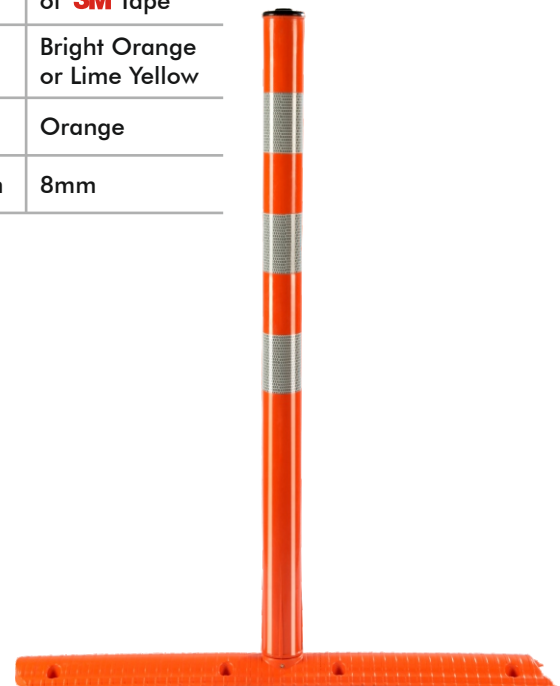
CBM FPCV100

Post Size (mm)	80 x 1000
Base Size (mm)	750 x 250 x 75
Reflective Band	4 x 65mm of 3M Tape
Post Colour	Orange
Base Colour	Orange, Yellow or Black



CBM FPCV92

Post Size (mm)	78 x 920
Base Size (mm)	1000 x 150 x 40
Reflective Band	3 x 75mm of 3M Tape
Colour	Bright Orange or Lime Yellow
Base Colour	Orange
Connecting Pin	8mm



Speed Bumps

High impact resistance and the ability to withstand all weather conditions, makes this product extremely useful to slow down the traffic and caution the driver. The UV stabilized Poly Ethylene (PE)/ Acrylonitrile Butadiene Styrene (ABS) fixed with high quality reflectors makes it visible from over 500 metres persuading the driver to slow down the vehicle.

It finds its uses on roads within the residential complexes, hospitals, malls, hotels, factories and other places where the flow of traffic needs to be calmed.



CBM SB-50A

Size L x W x H (mm)	250 x 350 x 50
No. of Reflectors	8 Per Metre



End Cap



CBM SB-50B

Size L x W x H (mm)	500 x 400 x 50
No. of Reflectors	8 Per Metre



End Cap



CBM SB-75A

Size L x W x H (mm)	500 x 400 x 75
No. of Reflectors	8 Per Metre



CBM SB-75B

Size L x W x H (mm)	250 x 750 x 75
No. of Reflectors	8 Per Metre



Rubber Speed Bumps

High impact resistance and the ability to withstand all weather conditions, makes this product extremely useful to slow down the traffic and caution the driver. Made of Rubber material fixed with high quality Beads/ 3M Reflective tape makes it visible from over 500 metres persuading the driver to slow down the vehicle. It finds its uses on roads within the residential complexes, hospitals, hotels, factories and other places where the flow of traffic needs to be calmed.



CBM RSB-50A

Size L x W x H (mm)	500 x 425 x 50
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CBM RSB-75A

Size L x W x H (mm)	500 x 425 x 75
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CBM RSB-50B

Size L x W x H (mm)	500 x 400 x 50
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CBM RSB-75B

Size L x W x H (mm)	500 x 400 x 75
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CBM RSB-50C

Size L x W x H (mm)	250 x 350 x 50
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CBM RSB-50D

Size L x W x H (mm)	500 x 350 x 50
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Solar Speed Bumps

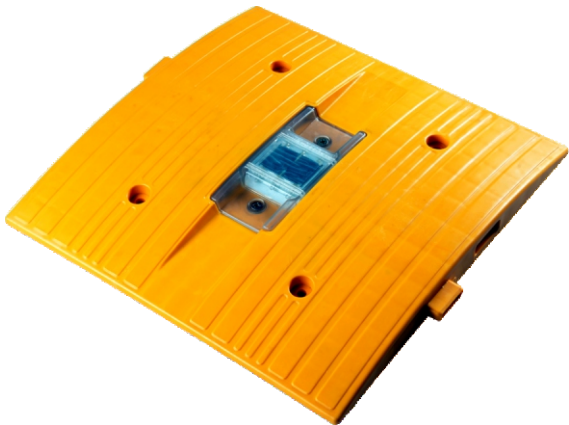
Material: UV stabilized Poly Ethylene (PE) or Acrylonitrile Butadiene Styrene (ABS), fixed with solar fixture made of poly carbonate housing having 3 Ultra bright LED's of >10000mcd for improved visibility.

It finds its uses on roads within the residential complexes, hospitals, malls, hotels, factories and other places where the flow of traffic needs to be calmed.



CBM SSB-50

Size L x W x H (mm)	500 x 500 x 50
No Of LED's	6 Per Piece
Colour	Black & Yellow



Jumbo Speed Bumps

Made of special grade High Density Poly Ethylene (HDPE) for high impact and to withstand maximum load, in areas like Cement plants, container depots, toll collection lanes etc.

CBM JSB-75

Size L x W x H (mm)	500 x 500 x 75
Reflectors	4 Nos/meter
Colour	Black & Yellow



CBM HSB-50B

Size L x W x H (mm)	500 x 500 x 50
Reflectors	12 Glass Beads/meter
Colour	Black & Yellow



CBM PS-25

Material	PE/ABS
Size L x W x H (mm)	250 x 150 x 32
Reflectors	4 Nos/Pc
Colour	Yellow



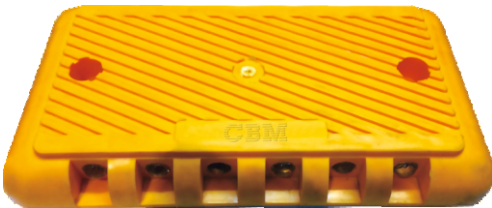
CBM PS-27

Material	PE/ABS
Size L x W x H (mm)	275 x 150 x 32
Reflectors	4 Nos/Pc
Colour	Yellow



CBM PS-27B

Material	PE/ABS
Size L x W x H (mm)	270 x 150 x 32
Reflectors	12 Glass Beads/Pc
Colour	Yellow



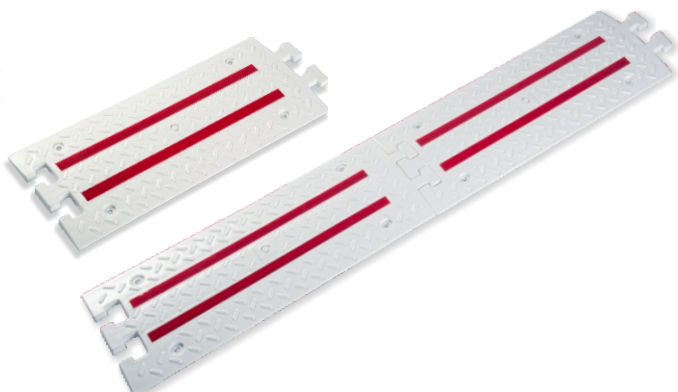
CBM RS-25/15

Material	PE/PU (UV Stabilized)
Size PE (mm)	500 x 125 x 25
Size PU (mm)	500 x 100 x 15
Colours	Yellow & Black



CBM RS-15A

Material	PE (UV Stabilized)
Size L x W x H (mm)	500 x 200 x 15
Reflective Strips	2 Nos 3M Strips
Colour	White or Yellow



Portable Speed Bump

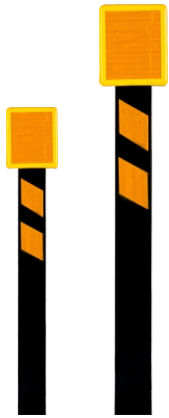
CBM PSB-3

Material	PE (UV Stabilized)
Size LxWxH (mm)	3000 x 350 x 40
Colour	Yellow



Delineators

Delineators can be used on center verge or both sides of the road. The high quality reflectors and **3M** reflective tape makes them visible at night. Made in plastic and metal as per requirement.



CBM DEL-750A

Pipe Height (mm)	600/750
Pipe Size (mm)	25x68
Reflector Size (mm)	100x125
Colour	White/Yellow/Red

CBM DEL-750B

Pole Dia (mm)	50
Pole Height (mm)	750
Reflective Tapes	3M



CBM DEL-750C

Pole Dia (mm)	50/65
Pole Height (mm)	750
Reflective Tapes	3M
Acrylic Reflectors	2 Nos



CBM DEL-900

Pole Dia (mm)	50
Pole Height (mm)	900
Reflective Tapes	3M
Acrylic Reflectors	6 Nos



CBM DEL-900B

Pole Dia (mm)	65
Pole Height (mm)	3000
ACP Sheet Size (mm)	400 x 400
Reflective Tapes	3M
Acrylic Reflectors	9 Nos

CBM DEL-900R

Pole Dia (mm)	50/75
Pole Height (mm)	750/900
Reflective Tapes	3M



Road Barriers

Material: UV stabilized Poly Ethylene (PE)

High impact design to form desired length by interlocking or connectors, makes it suitable for road blocking purposes or Lane dividing. Use of Water/Sand filled inside reduces loss of life and damage to vehicle.



CBM RB-25L

Size L x W x H (mm)	1000 x 490 x 800
Water Capacity (Liter)	25
Colour	Red



CBM Jointer-10L

Size L x W x H (mm)	1450 x 150 x 500
Water Capacity (Liter)	10
Colour	White



CBM RB-100L

Size L x W x H (mm)	2100 x 400 x 1000
Water Capacity (Liter)	100



CBM RB-S

Size L x W x H (mm)	2000 x 40 x 1000
Stand Size (L x H)	390 x 720



CBM RB-60L

Size L x W x H (mm)	1600 x 400 x 1000
Water Capacity (Liter)	60
Colour	Red



Scissor Type Plastic Barrier

Material: UV stabilized Poly Ethylene (PE)

This light weight Scissor Type Plastic Barrier can be adjusted in length as per requirement. Highly reflective **3M** material makes it visible even during night. The stands at both the edges have an option to make it havier by filling water/sand.



CBM SPB-95

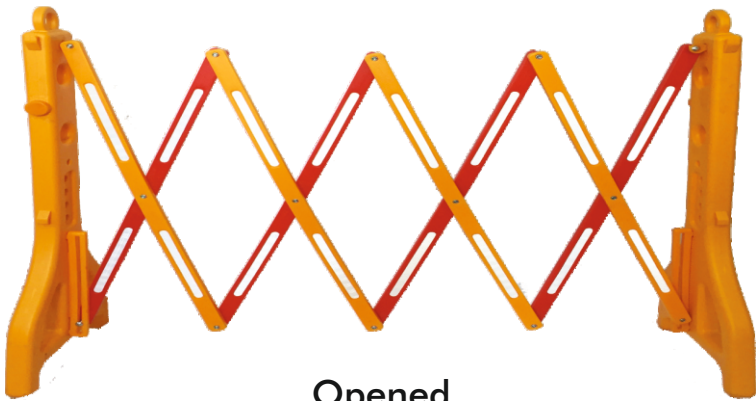
Size W x H (mm)	370 x 950
Closed Length (mm)	250
Opened Length (mm)	2500
Weight	3Kg (Appx.)
Weight with Water	Upto 7-8Kg
Colour of Stands	Yellow
Colour of Strips	Red and Yellow



Closed

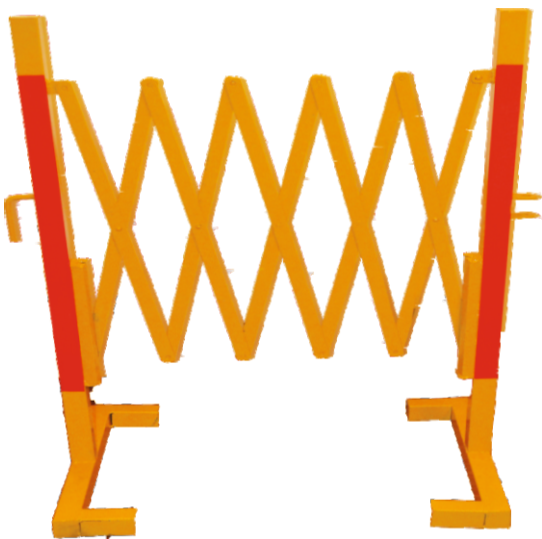


Side



Opened

Scissor Type Metal Barrier Without Wheels



CBM SMB-100

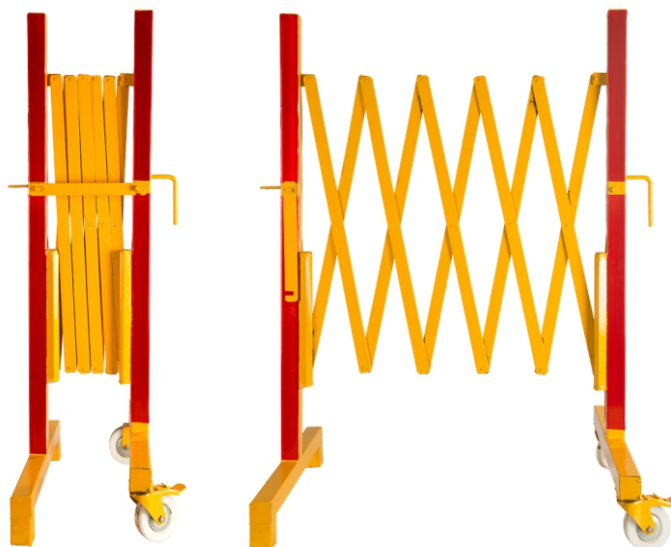
Size Height (mm)	1000
Closed Length (mm)	300
Opened Length (mm)	2700
Colour	Yellow



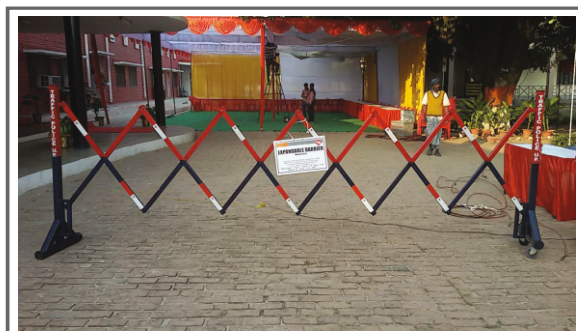
Scissor Type Metal Barrier With One Side Nylon Wheels

CBM SMBW-100

Size Height (mm)	1000
Closed Length (mm)	300
Opened Length (mm)	2700
Colour	Red & Yellow



MS Scissor Barriers With One Side Wheels



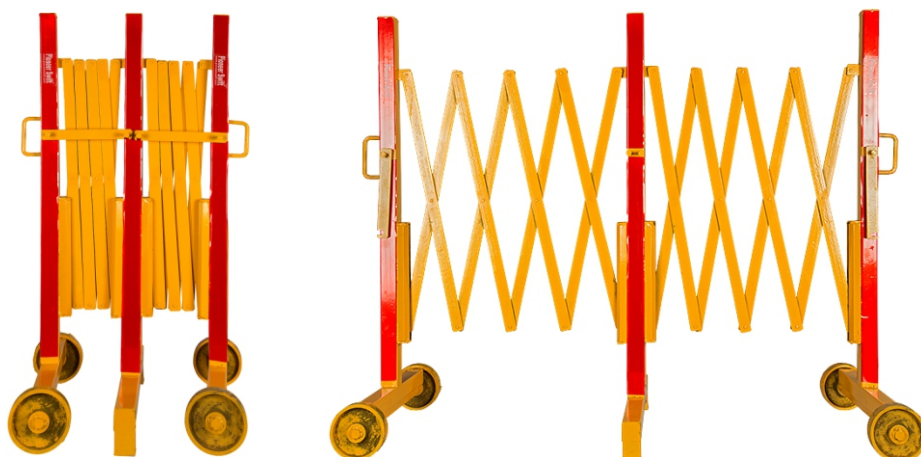
CBM SMBW-150

Size Height (mm)	1500
Closed Length (mm)	500
Opened Length (mm)	4000

MS Scissor Barriers Both Side Wheels

CBM SMBW-120

Size Height (mm)	1200
Closed Length (mm)	500
Opened Length (mm)	6000



Pole Bollards And Accessories



CBM PB-120

Material	PPCP/PE
Size Height (mm)	1200
Pole Dia (mm)	100
Base Dia (mm)	350
Base Height (mm)	75
Reflective Bands	4 x 75mm 3M
Weight	12.5 Kg (Approx.)
Plate Size (mm)	500x340



Pole Bollard Barricades

Material: Pole of UV stabilized Poly Ethylene (PE)/PPCP, with 3mm ACP sheet as message plate.

Fixed/Trolley Structure is easy to assemble and the message can be viewed from a long distance because of **3M** Reflective sheet.

This product is used on city roads for temporary blocking of traffic.

CBM PBB-100

Lenght x Height (mm)	2000x1200
Pole Size (mm)	100x1200
Reflective Board Size (mm)	1200x750
Weight (Approx.)	35Kg



CBM PBB-101

Lenght x Height (mm)	2100x1300
Pole Size (mm)	100x1200
Reflective Board Size (mm)	1200x750
Weight (Approx.)	50 Kg

CBM PBB-102

Lenght x Width x Height (mm)	2100x450x1300
Pole Size (mm)	100x1200
Reflective Board Size (mm)	1200x750
Wheels	4 Nos.
Weight (Approx.)	65Kg

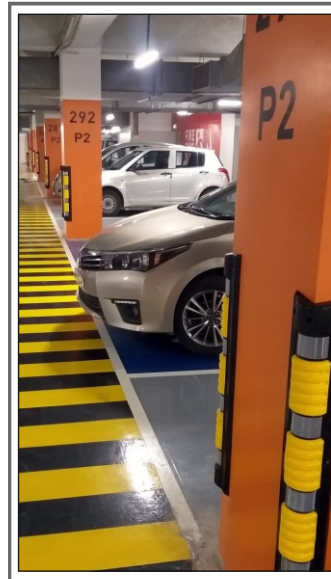


Corner Guards

Material: Virgin Plastic & Synthetic rubber.
For Parking lots.

CBM CG-90

Lenght x Height (mm)	100x900
Reflective Tapes	3M



CBM CG-80P

Lenght x Height (mm)	100x800
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CBM CG-80R

Lenght x Height (mm)	100x800/ 100x1200
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CBM CGU-90R

Lenght x Height (mm)	100x900/ 100x1200
Reflective Tapes	3M



Wheel Stoppers

Material: Virgin Plastic & Synthetic rubber.

For Parking lots.

CBM WC-10P

Size L x W x H (mm)	285x175x200
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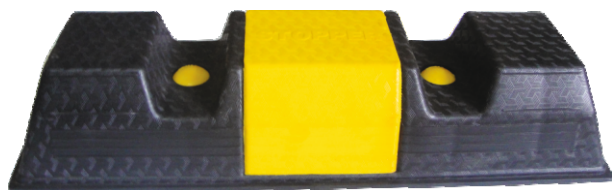
CBM WS-15R

Size L x W x H (mm)	500x100x150
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CBM WS-10P

Size L x W x H (mm)	500x160x100
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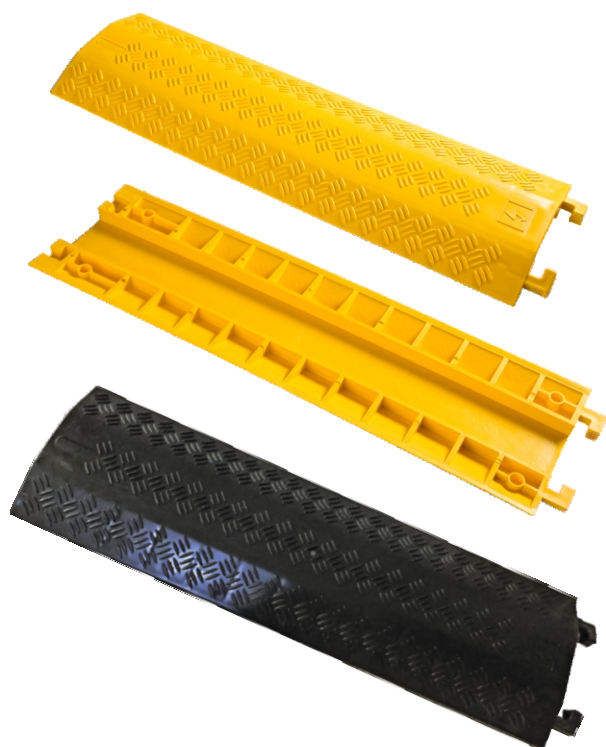


CBM WS-10R

Size L x W x H (mm)	500x160x100
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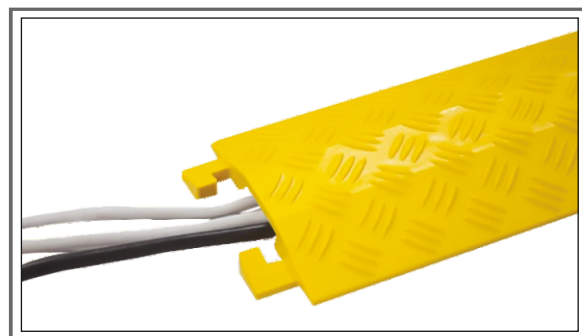


Cable Protector Channel



CBM CPC

Material	ABS
Size L x W x H (mm)	1000 x 280 x 35



Parking Posts (Lockable)

Material: Mild Steel

For Parking lot and Drive ways.

CBM PP-75L

Height (mm)

750



Convex Mirror

Material: Polycarbonate Reflective Mirror.

CBM PP-75L

Sizes (mm)

450, 600, 800, 1000



Floor Stand Message Plates

CBM FSMP

Material

PPCP

Size (mm)

600 x 210 x 300



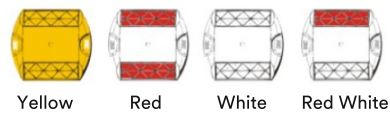
3M™ Raised Pavement Marker (RPM)

3M RPM is a unique, easy to apply road safety device specifically engineered for low light Indian road conditions. Constructed of engineered thermoplastic, RPM can withstand the heaviest of moving loads and still retain their safety edge. RPM's ultrasonically welded lens makes it impervious to wet weather conditions. While it can be easily fixed with shanks or epoxy enabling faster execution over long road stretches. Its signature 'rumble' effect provides tactile and audible warning when lanes are cut; while its all round visibility marks out road geometry clearly.



Features	Advantages	Benefits
Unique Design	Good retroreflective performance for wide range of observation angles	Optimum for various kinds of roads like straight/curve, etc.
Tough thermoplastic body	High impact resistance and high compressive load	Longer road presence, lower lifecycle cost
Microprismatic lenses	Higher conspicuity and night time visibility	Improved safety, reduced shy distance
No exposed edges	Less prone to vandalism	Longer product life
Robust Installation	Reduced chances of product pilferage	Longer road presence
Excellent weatherability	Sustained product performance over longer period of time	Reduced lifecycle cost and less chances of product failure

Colours available



Yellow

Red

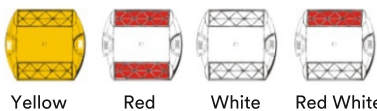
White

Red White

Twin Moulded Shank RPMs

Features	Advantages	Benefits
Unique Design	Good retroreflective performance for wide range of observation angles	Optimum for various kinds of roads like straight/curve, etc.
Tough thermoplastic body	High impact resistance and high compressive load	Longer road presence, lower lifecycle cost
Microprismatic lenses	Higher conspicuity and night time visibility	Improved safety, reduced shy distance
No exposed edges	Less prone to vandalism	Longer product life
Robust Installation	Reduced chances of product pilferage	Longer road presence
Shanks to provide extra anchorage	Can bear extra shear	Higher durability
No metal parts used for anchoring, anchor is molded as part of body	No extra effort or material required while installation on ground	No hazard caused to traffic, easy installation
Excellent weatherability	Sustained product performance over longer period of time	Reduced lifecycle cost and less chances of product failure

Colours available



Yellow

Red

White

Red White



3M™ SOLAR RPM 2.0

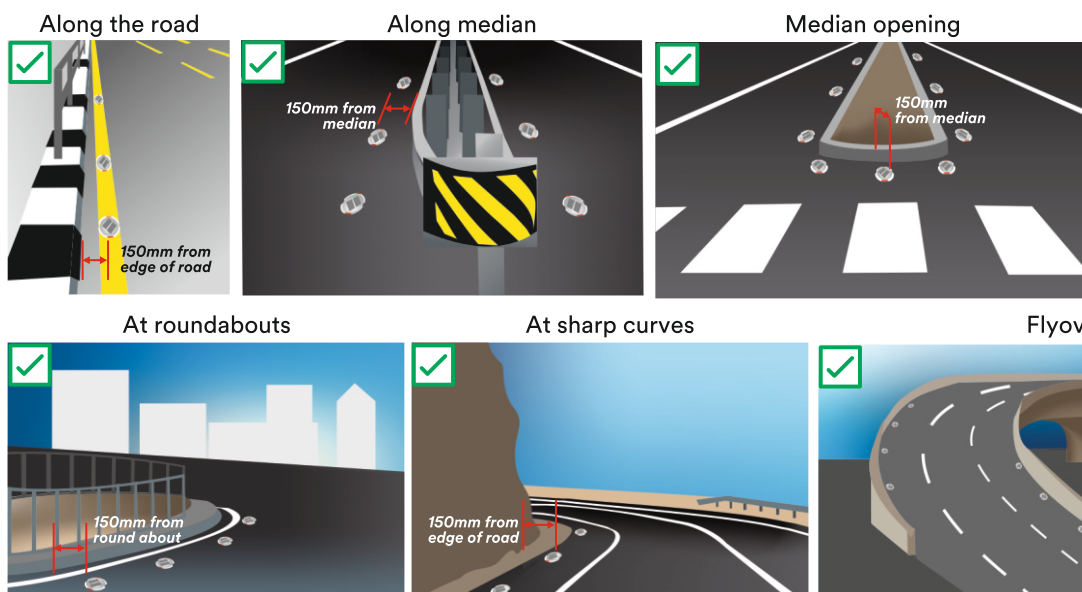
3M™ Solar RPM is designed for superior performance and increased run time. It comes with unique 360° smooth illumination and 3M™ Retro-Reflective lens. The uniquely designed honeycomb patterned base and twin molded shanks provide better anchorage for longer road presence. 3M™ Solar RPM exceeds the compression load requirements of 13.635 tons making it suitable for rugged indian road conditions.



 Strength	• Compression strength up to 20 Tons • Durable, lightweight plastic body	• 1.5X compression strength than MORTH Specification • Plastic body of RPM avoids tyre damage
 Visibility	• Use of 3M™ Light Guide Technology for 360° visibility • Use of 4 LEDs to improve light intensity • 3M Retro-reflective lens for conspicuity in passive mode • Moulded-in body colour: White & Yellow	• Visibility from all angles of vehicle approach makes it ideal for roundabouts and other road layouts • Soothing visibility that does not impact your eyes • Increased visibility up to 800m • Passive reflectivity makes it visible even during dawn/dusk or cloudy days • Long lasting consistent colour
 Performance	• The body is resistant to water ingress as per IP 68 • The product performs in the temperature range of -10°C to +70°C	• Installation up to 1 year from manufacturing date • 1 year performance warranty
 Application	• Improved anchorage to road through double shank & base design • Application finger grips	• Easy to install and double shank prevents rotation on impact

- Meets ASTM D4280 and IP68 Standards

Recommended installations



- Toll Plazas, Exit points
- Busy Traffic Intersections
- Hilly Areas, Ghat Sections, Areas with Foggy Weather
- Cycling tracks, Airport Guidance Lights, Internal Township Roads

3M™ Standard Delineator

The revolutionary Standard Delineator combines a superior product design with Type XI DG3 reflective sheeting to increase visibility from a longer distance in tough Indian road conditions.

3M™ Standard Delineator made of Mild Steel has a uniquely designed ellipsoidal body that offers unparalleled visibility for road users travelling in continuous curves. **3M™** Diamond grade reflective sheeting on both sides of the delineator offers long distance visibility for safer driving



Feature	Advantage	Benefits
Superior Ellipsoidal Design	Wider entrance angle visibility	Increases visibility at night for safer driving
Type XI Grade Reflective sheeting	Long distance visibility in day & night, rainy / foggy weather	Provides longer response time for safer driving
Grooves across the length of delineator	Protects reflective sheeting corners	Prevents vandalism of reflective sheeting
IRC Standards	Meets IRC Standards	Guides the vehicles to follow the road geometry with increased visibility
Optimized body design	Easy to transport and install	Safe & aesthetic design
High performance metal delineator	Better performance	Increased durability



3M™ Flexible Median Marker

3M™ Flexible Median Marker combines superior material with high visibility retro-reflective sheeting to give medians clear definition in tough Indian road conditions.

3M™ Flexible Median Markers have been designed with unique 'bounce-back' feature to be vandal and breakage resistant. The 'flame' shape retro-reflective surface offers unparalleled visibility. While the single shank simplifies application, increases productivity and reduces cost.

Feature	Advantage	Benefit
Innovative flame like design structure	Better visual appearance	Increases visibility at night for safe driving
Flexible thermoplastic body	Bounce back on impact	Vandal proof against impact Lesser chances of people tripping over median marker
Vertical design	Increased reflectivity	High reflectivity gives better visual appearance to the driver
Fluorescent Type XI DG3 reflective sheeting	Long distance visibility in day & night, rainy/foggy weather	Provides longer response time for safer driving
Shank based grouting	Reduces application time Narrow foot print	Increases productivity lead in reduction of labour charge Easy installation on narrow width medians Reduced epoxy consumption
Edge sealed reflective sheeting	Vandal resistant against sheeting peel-off	Longer durability & reflectivity service life
High performance raw material	Better performance	Long term durability

- Variants available
- Both sides reflective



3M™ Aluminum-Backed Flexible Prismatic

3M™ DG Aluminum-Backed Flexible Prismatic (AFP) is a new generation flexible sheeting that is designed for harsh conditions. With its excellent all-round visibility, AFP ensures optimum visibility of critical road elements. Highly conformable, AFP can be easily applied on rough concrete surfaces to trees. With its tough edge-sealing, AFP thwarts theft and vandalism and is weather-resistant.



Features	Advantages	Benefits
Non-metallic prismatic lens retro reflective sheeting	Flexibility and impact resistance	Product use on curved surfaces
Multi layer construction	Dead folding	Usability on rough surfaces such as tree trunks, concrete etc.
Aggressive adhesive and surface primer combination	Good adhesion to undulated surfaces	Increased resistance to pilferage
Edge sealing resin kit	Concealed edges	Longer product life; less chances of vandalism
Pre-screen printed arrows/ slant lines	Standardised as per IRC	Reduces converting time

Variants available
● Slant ● Arrow ● Plain



3M™ Conspicuity Sheeting

Conspicuity Sheeting with polycarbonate micropisms give night time vehicle visibility a whole new brightness. And tough engineering is designed for extreme road conditions-resisting cracking and peeling. Superior optics provide reflectivity even at almost 90° angles.

Product Parameters	Features	Advantages	Benefits
Brightness	For White, around 750 cd/m² at 1/3° OA & 5° EA (reqd. = 450 cd/m²)	Very high brightness for head-on viewing &	Superior safety and better aesthetics aesthetics of markings
Edge Sealing	Edge sealed from both sides	Edge sealing protects from dust, dirt & spray cleaning	Higher durability & satisfaction
Construction	Non-Metallic High Intensity Prismatic	Non-Metallic sheeting protects vehicle from corrosion	No undue damage to vehicle body & no extra cost implication
Warranty Support	3M local technical & warranty support	Higher security against any issues, reliability and product assurance	Peace of mind for the customer

Colours available
○ 983-10 – White ● 983-71 – Yellow ● 983-72 – Red ○ 983-326 – Red White



Meets & exceeds
AIS 090 standards
and is approved by
ARAI



3M™ Diamond Grade™ Linear Delineation System

Whether it's a construction project or permanent solution using median barriers or guard rails, you can help ensure drivers can navigate safely with a 3M™ Diamond Grade™ Linear Delineation System. This system allows you to put vital roadway information directly in the sightline of drivers, making it easier for them to process and respond to complex or changing roadways. 3M™ linear delineation system panels can be used in a variety of applications, including bridge abutments, concrete or metal pillars and posts, and utility boxes.

3M™ Diamond Grade™ Linear Delineation Systems

Size	Colors
4 in. panels* 6 in. panels*	White Red Fluorescent Yellow Fluorescent Orange Yellow
1.5 in. panels*	White Fluorescent Yellow

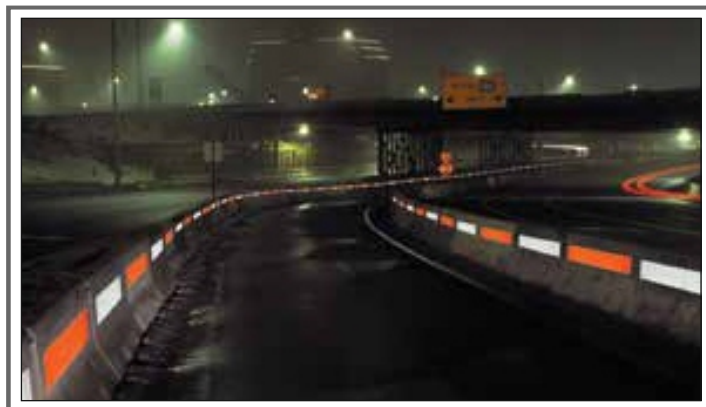
*34 inch length

**31 inch length



Applications include:

- Construction barriers
- Curved roadways
- Guardrails
- Tunnel approaches
- Entrance and exit ramps
- Bridges



Thermoplastic Road Marking

Thermoplastic (Hot Applied) Road Marking has been the preferred system owing to its many advantages like:

High Durability

Excellent Visibility

Fast Curing



CBM Thermoplastic (Hot Applied) Confirms to specification laid in BS / MORTH
Using the best Quality Raw Material



Application areas: Can be applied on Bituminous / Concrete Road Surfaces

View/Headlight Cutter (Blow Molded)

Material: UV stabilized HDPE

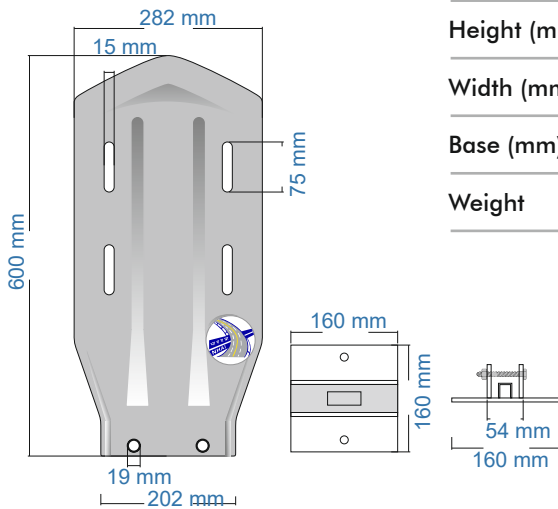
Distraction by headlight of vehicles, coming from opposite direction can be avoided by View/Headlight Cutter.

This product is used on highways/expressways, where the vehicles are at high speeds.



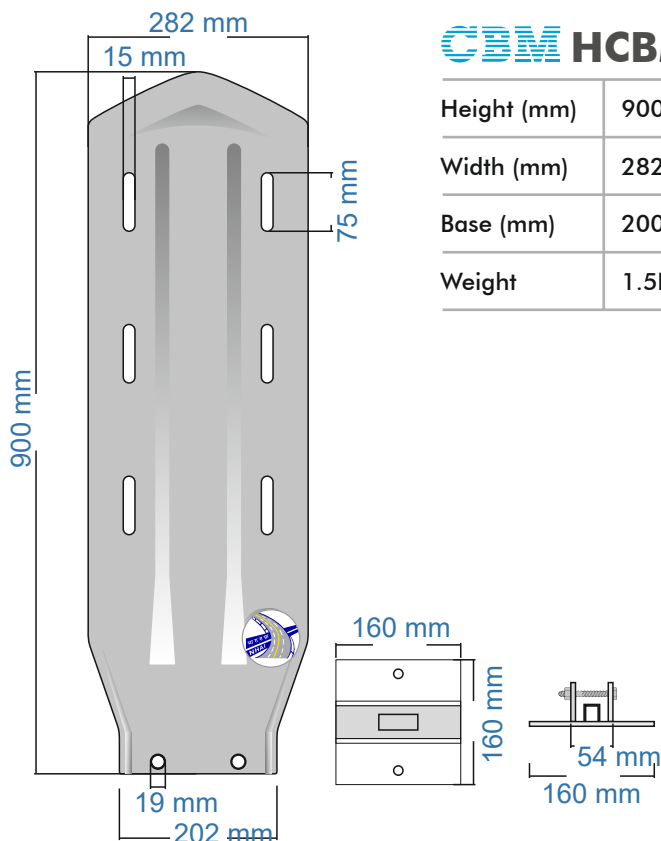
CBM HCBM-60

Height (mm)	600
Width (mm)	282
Base (mm)	200x50
Weight	1.0Kg



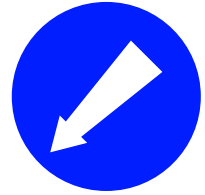
CBM HCBM-90

Height (mm)	900
Width (mm)	282
Base (mm)	200x50
Weight	1.5Kg

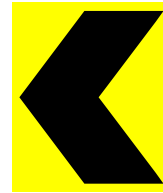


Road Signs (IRC)

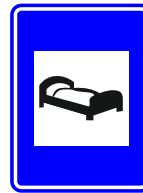
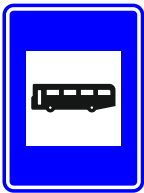
Mandatory/Regulatory Signs



Cautionary/Warning Signs



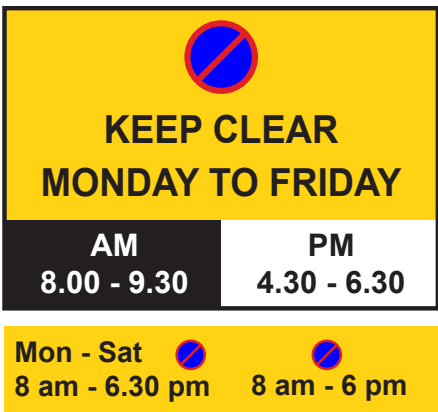
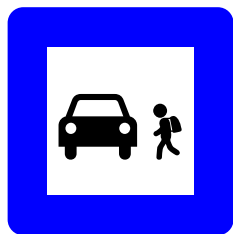
Facility Information Signs



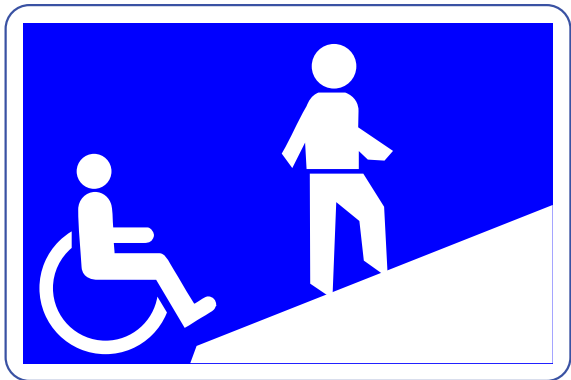
Route Marker Signs

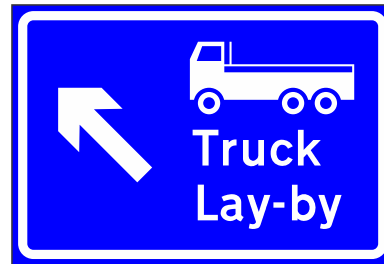


Parking Signs



Signs for Persons with Disabilities





 NATIONAL HIGHWAYS AUTHORITY OF INDIA				
USER FEE				
TYPE OF VEHICLE		SINGLE JOURNEY (Rs.)	RETURN JOURNEY (Rs.)	MONTHLY PASS (Rs.)
CAR / JEEP / VAN / LMV				
LCV / LGV/ MINIBUS				
TRUCK / BUS (2 AXLE)				
COMMERCIAL VEHICLE (3-AXLE)				
MAV/HCM/EME (4 to 6 AXLE)				
OVERSIZED VEHICLE (7 AND ABOVE AXLE)				

CBM Industrie Private Limited

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www.cbmpvtltd.com

Note: The information and dimensions given in this catalogue are of approximate values.
The same can be changed for improvement without prior notice