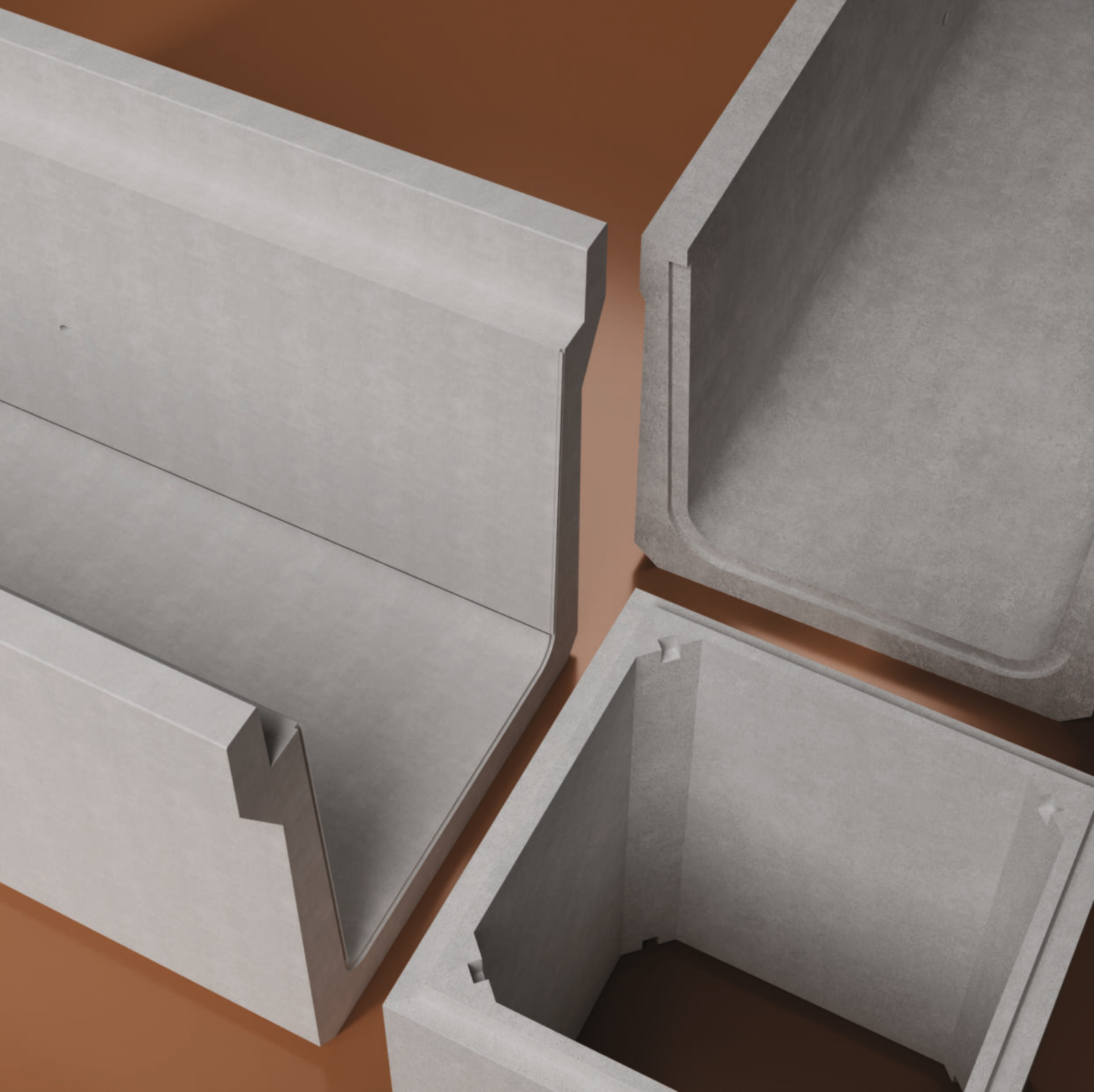


SINCE



1998

SOMNATH
P R E C A S T
MASTERING THE ART OF PRECAST.



Why contractor choose Somnath?

BUILD WITH TRUST.

Somnath Precast redefines infrastructure reliability by delivering factory-engineered concrete solutions that significantly outperform traditional cast-in-situ methods. We combine advanced casting technology with rigorous designed to achieve high load-bearing performance and precise dimensions in every unit. Our scalable production supports faster project delivery empowering contractors to accelerate project timelines while ensuring reduced installation error, Partner with us for drainage systems engineered to withstand the toughest industrial environments.

PRECISION



DURABILITY

STRENGTH ■ RELIABILITY ■ PERFORMANCE



SOMNATH
P R E C A S T

“ MASTERING THE ART OF PRECAST ”



BUILDING THE FUTURE, ONE BLOCK AT A TIME.



Company Profile

At SOMNATH PRECAST, we are dedicated to revolutionizing the construction industry through superior precast concrete technology specializing in high-performance drainage and infrastructure solutions, we bridge the gap between design complexity and on-site practicality

Our state-of-the-art manufacturing facility combines automated batching with rigorous curing processes to produce concrete components of unmatched strength and finish. From national highways to residential townships, Somnath Precast deliver long lasting structural performance test of time, ensuring that the infrastructure of today is ready for the challenges of tomorrow.

Our Mission

To deliver high-quality precast solutions that accelerate construction timelines while reducing overall project costs for our clients.

Our Vision

To become the region's most trusted partner for sustainable and robust infrastructure components, setting new benchmarks in concrete quality.



The Benefits of **CHOOSING US**

★★★★★
SINCE 1998

Speed of Construction

Factory-cured precast products are delivered ready for installation, reducing on-site labour requirements.

Controlled Quality

Unlike cast-in-situ concrete, our products are manufactured in a controlled environment, minimise weather-related impacts and reduce human error.

Dimensional Accuracy

Precision moulds ensure accurate alignment and leak resistant joints for precast drain and culvert.



SOMNATH
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Precision in Every Cast

Explore our complete range of premium precast concrete products crafted for durability, quality, and long-lasting performance.

Uncompromised Quality

From drainage systems to custom precast solutions, Somnath Precast delivers products you can trust for every project.

Why Choose Somnath Precast?

- ✓ High-Quality Materials
- ✓ Engineered for Superior Performance
- ✓ Time-Saving Installation
- ✓ Durable Products
- ✓ Sustainable Solutions
- ✓ Trusted Manufacturing Excellence



**U-Shape
Light-Duty Drain**



**U-Shape
Heavy-Duty Drain**



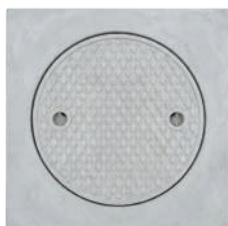
Box Culvert



**Earth
Retaining Wall**



**Square Frame &
Circular Cover**



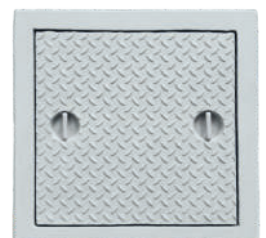
**House Connection
Chamber**



**Rectangular
Frame & Cover**



**Square
Frame & Cover**



Precast Products



SOMNATH
P R E C A S T

Circular Frame & Cover



RCC Chamber



Eccentric Chamber



Reinforced Concrete Pipes



Kerb Stone & Divider

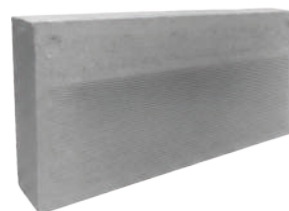
**Half Batter
Kerb Stones**



**Bull Nose
Kerb Stones**



**Square
Kerb Stones**



Road Dividers

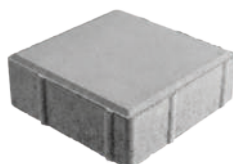


Paver Blocks

Zig - Zag



Square



Stone



Brick



T6 U Shaped Light - Duty Drain



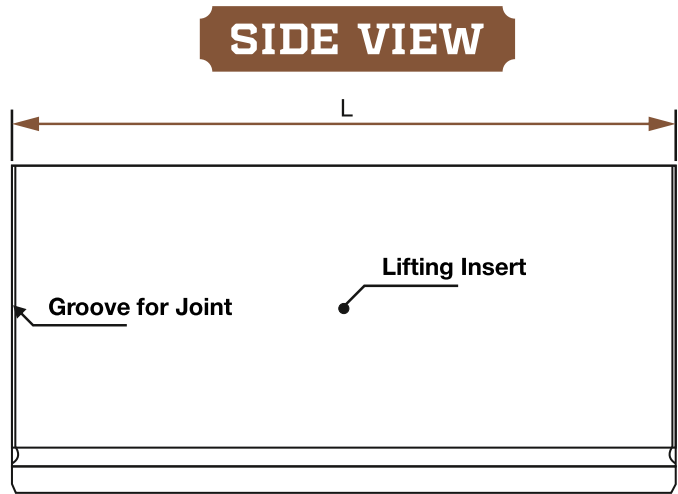
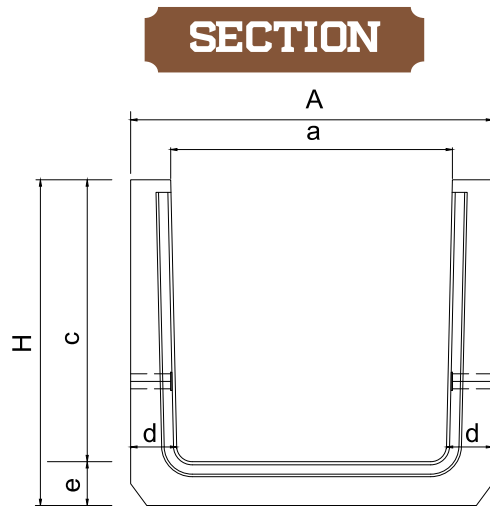
Product Description



Designed specifically for residential complexes, pathways, and landscaping, our Light-Duty U-Drains offer efficient water management in non-traffic zones. These lightweight precast units ensure rapid handling and installation while maintaining a high-quality, smooth concrete finish.

Applications:

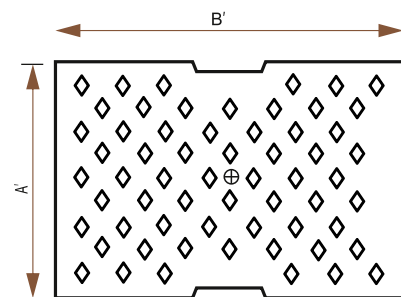
Such as storm water drains and power and telecommunication cable ducts.



Size(mm)	Dimensions of T-6 U-Shape Drain (mm)						
a x c	L	A	H	a	c	d	e
300 x 300	2000	440	370	300	300	70	70
450 x 450	2000	610	520	450	450	75	70
600 x 600	2000	730	685	600	600	85	85
750 x 750	2000	890	845	750	750	95	95
900 x 900	2000	1070	1015	900	900	115	115

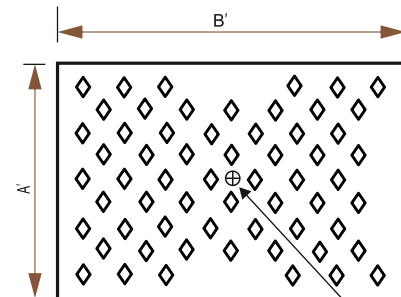
****Custom sizes are available upon request**

STANDARD LID



Cover plan

HOLE LID



Cover plan



**Cover Side View
Cover Hole**

Lifting Insert

Drain Size(mm)	Dimensions of Cover (mm)		
A' x B'	A'	B'	H
300 x 300	500	440	60
450 x 450	500	610	80
600 x 600	500	720	80
750 x 750	500	890	90
900 x 900	500	1060	100



T25 U Shape Heavy - Duty Drain



Product Description



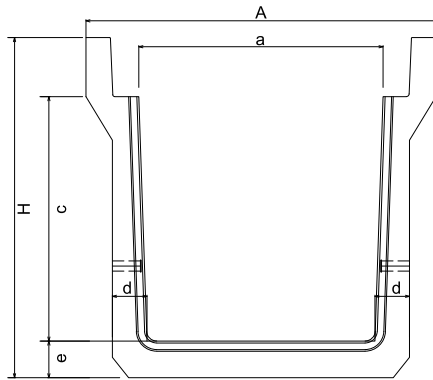
SOMNATH
P R E C A S T

Engineered for superior durability, somnath precast u-drains are crafted from high-strength Reinforced concrete to deliver a flawless, non-porous finish. Fully conforming to is quality Standards, these units are designed to handle heavy-duty traffic loads with ease. They Provide the ideal infrastructure solution for efficient storm water drainage and secure Underground utility ducting for power and telecom sectors.

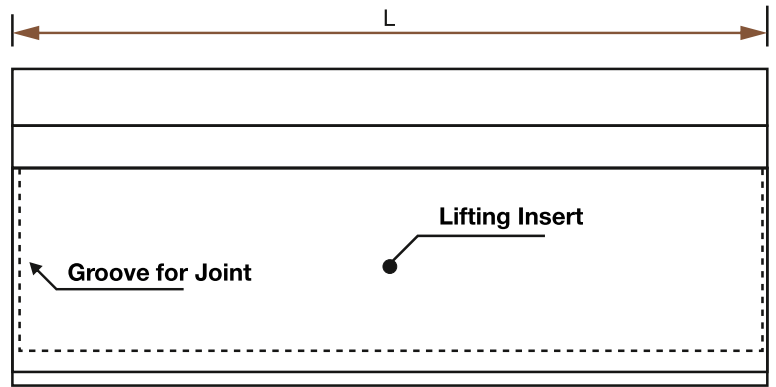
Applications:

Such as storm water drains and power and telecommunication cable ducts.

SECTION



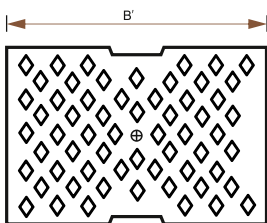
SIDE VIEW



Size(mm)	Dimensions of U-Shaped T-25 Drain (mm)						
a x c	L	A	H	a	c	d	e
300 x 300	2000	540	480	300	300	65	70
450 x 450	2000	700	660	450	450	75	80
600 x 600	2000	860	835	600	600	85	90
750 x 750	2000	1050	1000	750	750	95	100
900 x 900	2000	1200	1170	900	900	115	120
1200 x 1200	2000	1500	1470	1200	1200	120	120
1500 x 1500	2000	1850	1800	1500	1500	150	150

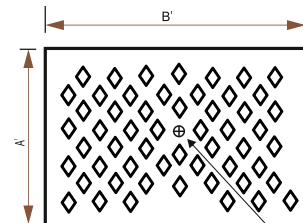
****Custom sizes are available upon request.**

STANDARD LID

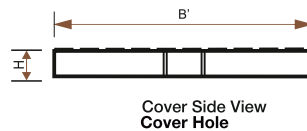


Cover plan

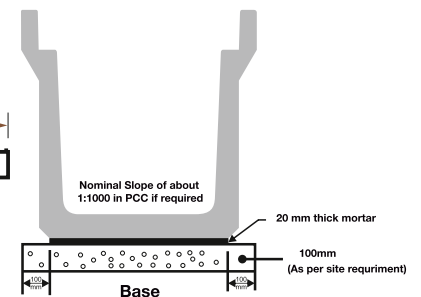
HOLE LID



Cover plan



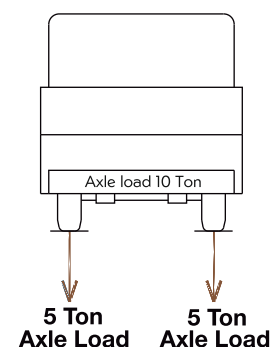
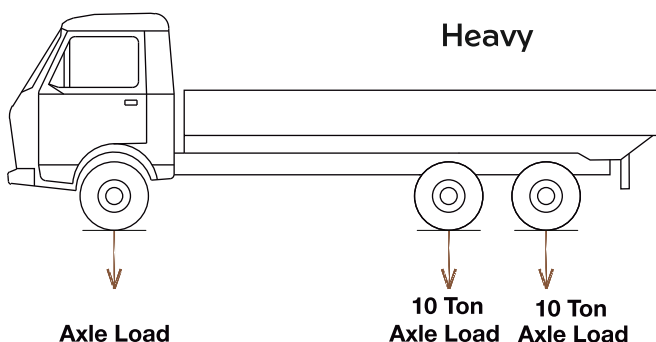
Cover Side View
Cover Hole



Drain Size(mm)	Dimensions of Cover (mm)		
A' x B'	A'	B'	H
300 x 300	500	410	110
450 x 450	500	565	130
600 x 600	500	710	140

Drain Size(mm)	Dimensions of Cover (mm)		
A' x B'	A'	B'	H
750 x 750	500	890	145
900 x 900	500	1050	150
1200 x 1200	1000	1330	150

LOAD CARRYING CAPACITY: 5 TON WHEELLOAD



Box Culvert



Product Description

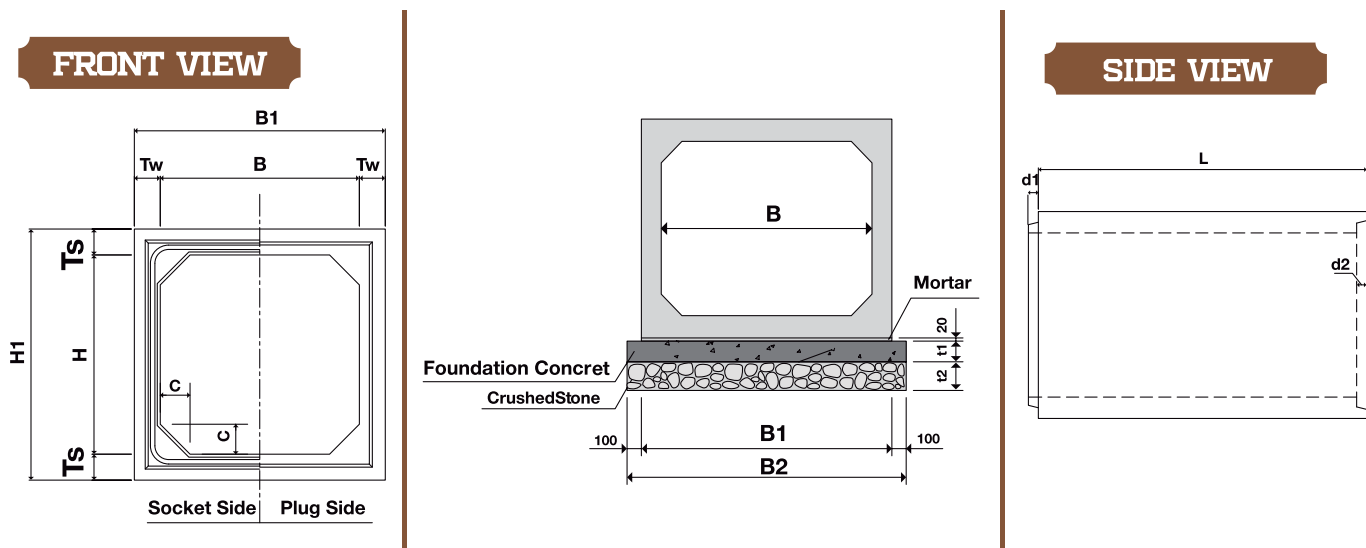


SOMNATH
P R E C A S T

A compact precast drainage solution designed for pedestrian areas and residential infrastructure. Combines the durability of precast concrete with efficient installation, making it ideal for small drainage and utility applications

Applications:

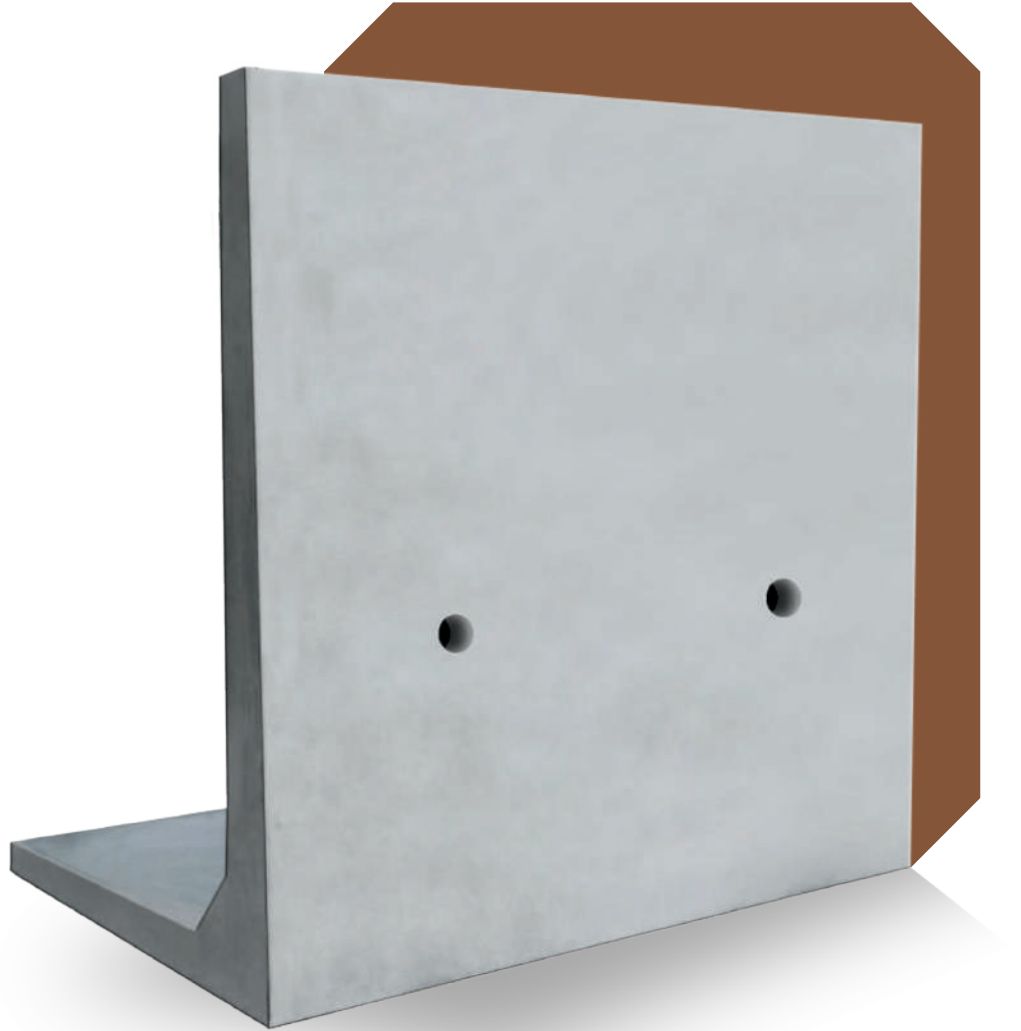
Such as storm water drains, power ducts and road Storm water drainage, power cable ducts, utility corridors, road crossings and residential infrastructure.



****Custom sizes are available upon request.**

B X H (mm)	B	B1	H	H1	L	TS	TW	C	d1	d2
300 x 300	300	416	300	475	2000	95/80	55	C30 / R50	-	-
500 x 500	500	680	500	740	2000	120	90	50	-	-
600 x 600	600	775	600	860	2000	130	80	C50 / R80	-	-
800 x 800	800	1060	800	1060	2000	130	130	100	60	60
600 X 1000	600	860	1000	1260	2000	130	130	150	60	60
900 X 1000	900	1160	1000	1260	2000	130	130	150	60	60
1000 X 1000	1000	1260	1000	1260	2000	130	130	150	60	60
1200 X 1000	1200	1460	1000	1260	2000	130	130	150	60	60
1000 X 600	1000	1260	600	860	2000	130	130	150	60	60
800 X 1400	800	1060	1400	1660	2000	130	130	150	60	60
900 X 1400	900	1160	1400	1660	2000	130	130	150	60	60
1000 X 1400	1000	1260	1400	1660	2000	130	130	150	60	60
1200 X 1400	1200	1460	1400	1660	2000	130	130	150	60	60
1300 X 1400	1300	1560	1400	1700	2000	150	130	150	60	60
1500 X 1400	1500	1760	1400	1700	2000	150	130	150	60	60
1400 X 1000	1400	1660	1000	1260	2000	130	130	150	60	60
1400 X1200	1400	1660	1200	1460	2000	130	130	150	60	60
2000 X 1200	2000	2320	1200	1560	2000	180	160	200	80	80
2000 X 1500	2000	2320	1500	1860	2000	180	160	200	80	80
2000 X 1800	2000	2320	1800	2160	2000	180	160	200	80	80
2000 X 2000	2000	2320	2000	2360	2000	180	160	200	80	80
2500 X 1500	2500	2900	1500	1940	1500	220	200	200	80	80
2500 X 1800	2500	2900	1800	2240	1500	220	200	200	80	80
2500 X 2000	2500	2900	2000	2440	1500	220	200	200	80	80
2500 X 2500	2500	2900	2500	2940	1500	220	200	200	80	80

Precast Earth Retaining Wall



Product Description



Description L-shaped retaining wall units designed for maximum earth retention and slope stability. These reinforced precast sections allow for the rapid construction of high-strength vertical walls without the need for complex on-site shuttering.

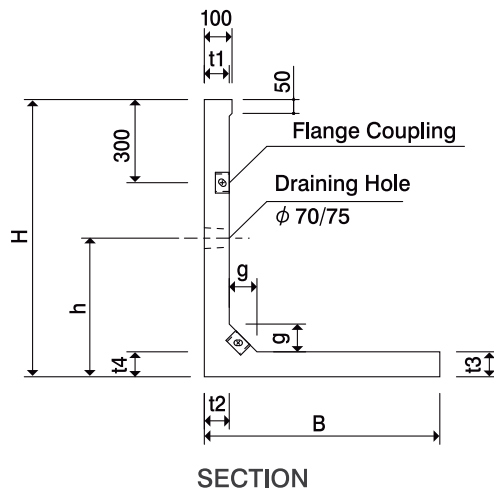
Applications:

For the prevention of the soil erosion.
To retain the soil nearby,Culvert,underpass,bridge,etc.
To provide the stability in sloped soil.
Landscaping.

H=600 ~ H=1000



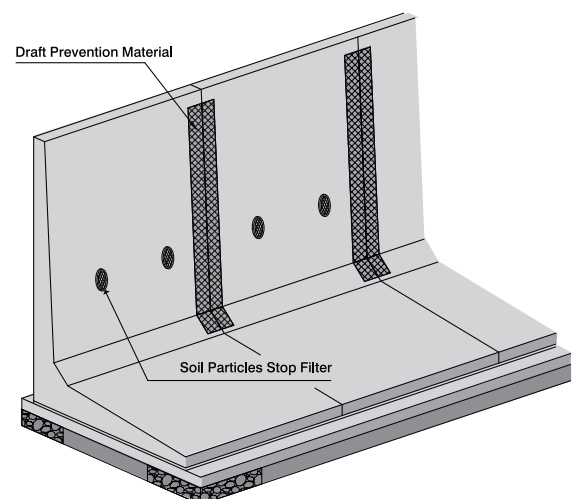
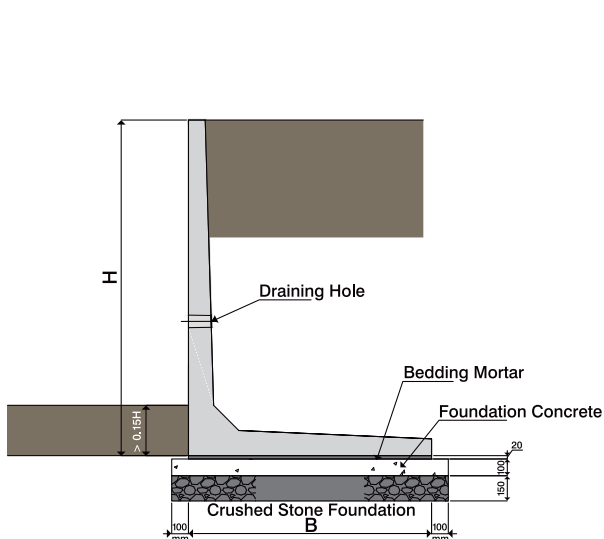
SOMNATH
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****Custom sizes are available upon request.**

Height (mm)	Dimensions							
	B	t1	t2	t3	t4	g	h	L
600	680	70	70	70	70	100	300	2000
800	760	80	80	80	80	100	400	2000
1000	850	90	90	90	90	100	500	2000
1200	970	100	100	100	100	120	600	2000
1800	1330	100	140	100	140	150	800	2000
2000	1450	100	140	100	140	150	800	2000
2250	1600	100	170	100	170	180	900	2000
2500	1750	100	170	100	170	180	900	2000

Typical Foundation Detail



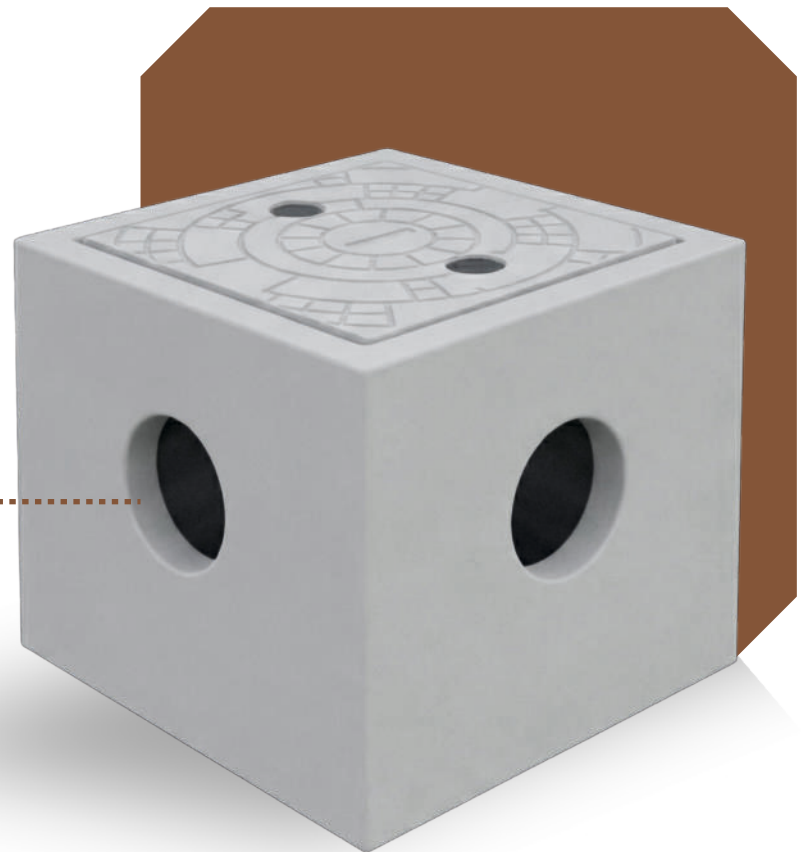
Precast

House Connection Chamber

(600 x 600 x 900 mm)

Pipe ϕ
Opening

130 mm



Wall Thickness: 100 mm

Product Description



SOMNATH
P R E C A S T

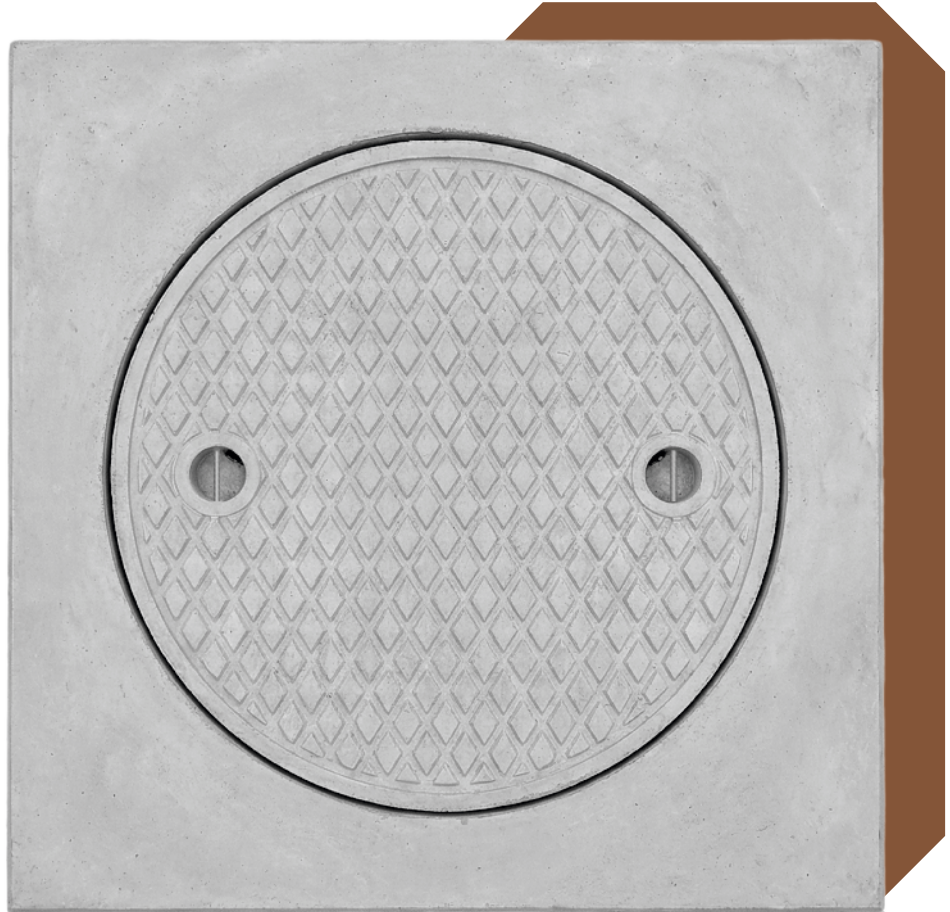
A complete, ready-to-install house connection chamber designed to link domestic drainage lines to the main sewer network. This monolithic precast unit comes with a precision-fitted cover and pre-formed inlets, ensuring a leak-proof and rapid installation.

Applications:

Highway & Road Embankments, Basement & Underground Construction, Land Reclamation & Plot Leveling, Railway & Metro Infrastructure.

Precast

Square Frame & Circular Cover (500 mm Opening)



Product Description



SOMNATH
P R E C A S T

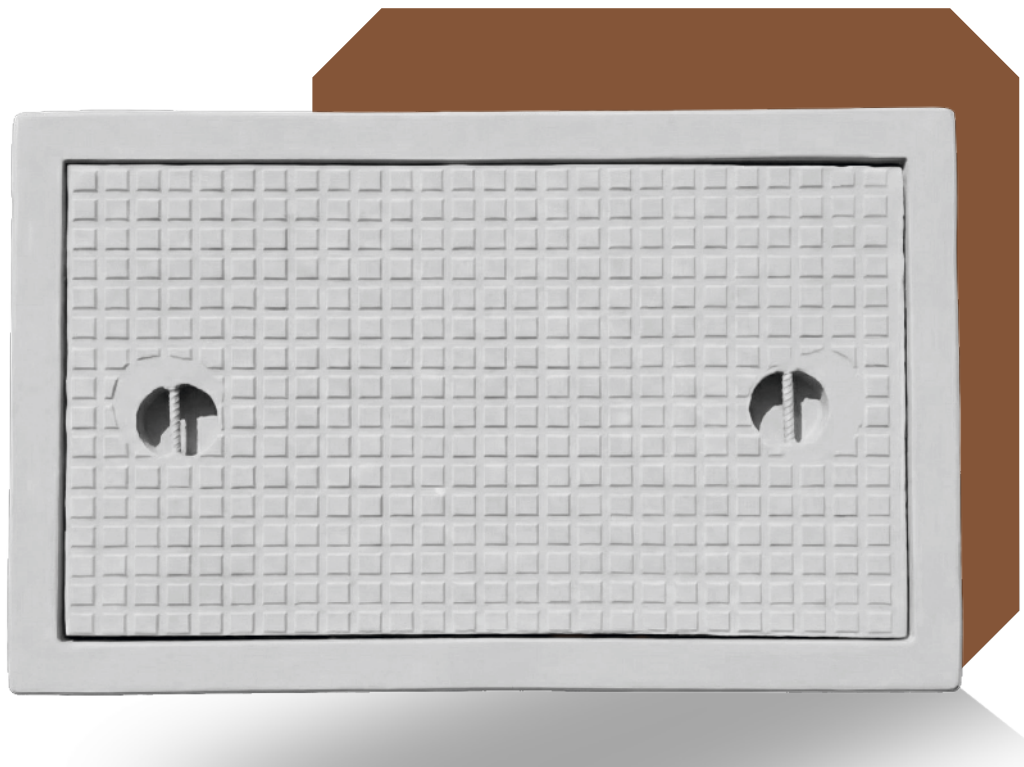
A precision-molded solution designed for rapid infrastructure deployment, offering superior protection for underground utility access points. The square frame with circular cover fall-through, while the high-grade concrete construction ensures long-term resistance to wear and heavy traffic.

Applications:

Highway & Road Infrastructure, Industrial & Manufacturing Hubs, Residential & Urban Townships, Utility & Telecommunications.

Precast

Rectangular Frame & Cover (450 x 600 mm)



Product Description



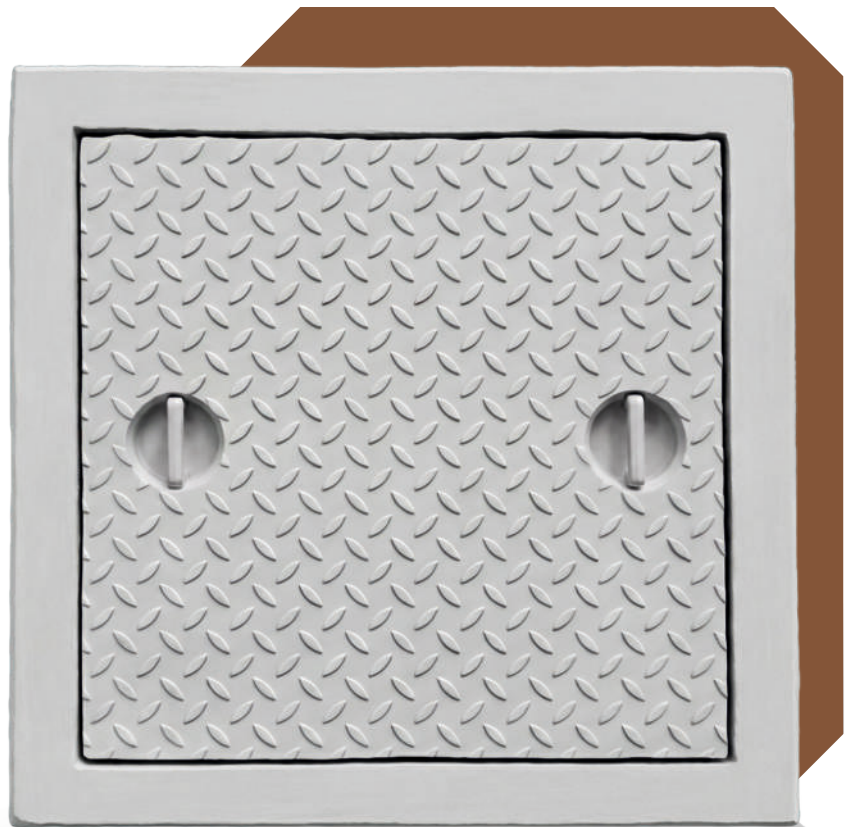
SOMNATH
P R E C A S T

A robust precast inspection cover engineered for safe & convenient access to under ground utility systems, complete with integrated lifting points for easy. Its precise dimensions and durable concrete construction make it an ideal solution for covering cable trenches and drainage chambers.

Applications:

Highway & Road Infrastructure, Industrial & Manufacturing Hubs, Residential & Urban Townships, Utility & Telecommunications.

Precast Square Frame & Cover (300 x 300 mm opening)



Product Description



Heavy-duty square precast inspection cover manufactured from high-strength concrete for long-lasting durability. Equipped with integrated lifting hooks for easy removal, it ensures secure and convenient access to underground utility chambers.

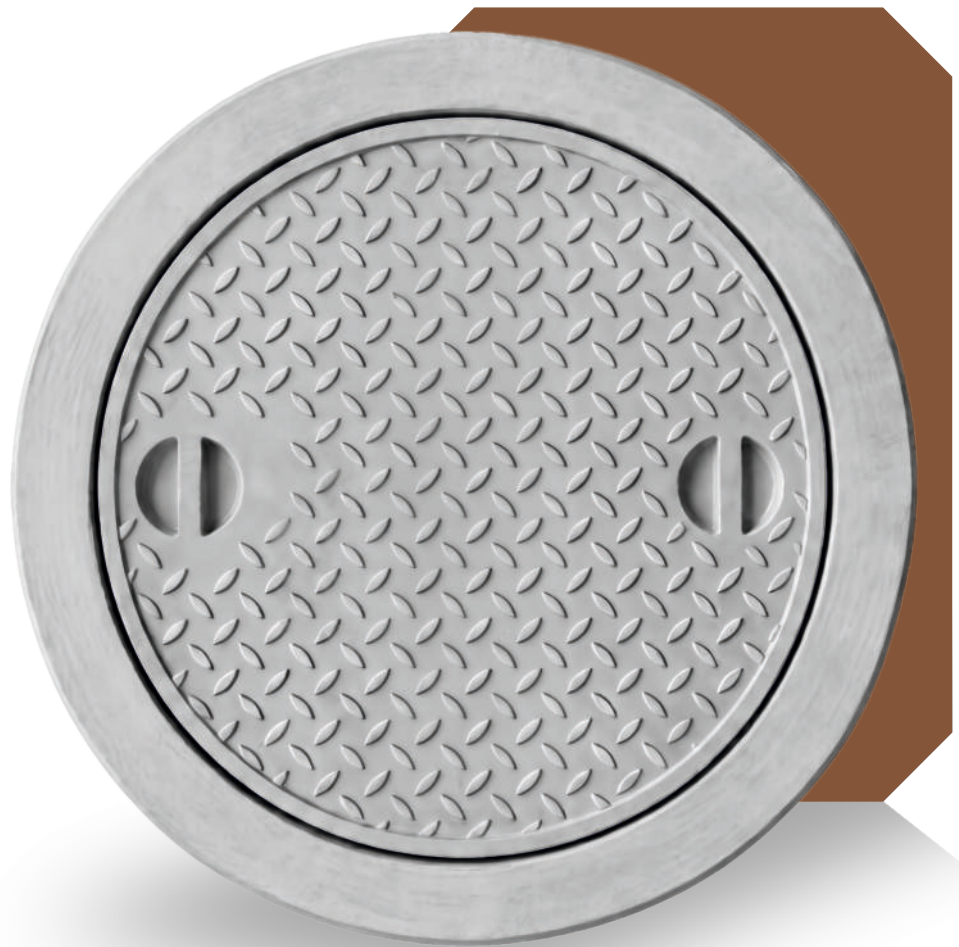
Applications:

Highway & road infrastructure, industrial & manufacturing hubs, residential & urban townships, utility & telecommunications.

Precast

Circular Frame & Cover

(500 & 560 mm opening)



Product Description

A precision-molded solution designed for rapid infrastructure deployment, offering superior protection for underground utility access points. The circular lid design eliminates the risk of cover fall-through, while the high-grade concrete construction ensures long-term resistance to wear and heavy traffic.



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P R E C A S T

Applications:

Sewer chamber & storm water drainage, Industrial & Manufacturing Hubs, Residential & Urban Townships, Utility & Telecommunications.

Precast Rcc Chamber



Product Description

Size W x L	Circular Opening Diameter
1500 x 1500 mm	900 mm
1000 x 1300 mm	600 mm



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P R E C A S T

Applications:

Municipal sewerage networks,
Storm water drainage systems,
Industrial effluent management,
Telecommunication & power
Infrastructure.

Precast Eccentric Chamber



SOMNATH
P R E C A S T

A modular precast manhole system featuring Interlocking riser sections and an eccentric Cone top for precise depth adjustment. Designed for rapid on-site assembly, It significantly reduces installation Time while ensuring a leak-proof, Structural seal.

Applications:

Highway & road infrastructure, industrial & Manufacturing hubs, residential & urban Townships, utility & telecommunications, Underground drainage & sewage networks.



Precast Eccentric Chamber



SOMNATH
P R E C A S T



Precast Chamber

Sr.No.	Depth	Bottom-ID	Height	Clear Opening
1	Upto 1800 mm	1000 mm	805 mm	560 mm
2	Upto 3000 mm	1200 mm	1005 mm	560 mm
3	Upto 6000 mm	1500 mm	1305 mm	560 mm



Precast Raiser

Sr.No.	Size	Height
1	1000 mm	300 mm
2	1000 mm	600 mm
3	1000 mm	900 mm
4	1200 mm	300 mm
5	1200 mm	600 mm
6	1200 mm	900 mm
7	1500 mm	300 mm
8	1500 mm	600 mm
9	1500 mm	900 mm
10	1500 mm	1000 mm



Raiser



Raiser
With Hole

Sr.No.	Raiser Size	Pipe Size Hole in Raiser
1	1200 mm (900mm)	300 mm Dia 450 mm Dia
2	1500 mm (900mm)	300 mm Dia 450 mm Dia
3	1500 mm (1200mm)	600 mm Dia

Precast Base (200 mm Thickness)



Plain & Collar Joint



Male-Female Joint



Spigot & Socket Joint



Rubber Ring Joint



Pipe Collar



Available Manufacturing Sizes

Pipe Dia Size (mm)	Class NP2		Class NP3		Class NP4		Joints Types			
	Horizontal Casting	Vertical Casting	Horizontal Casting	Vertical Casting	Horizontal Casting	Vertical Casting	M/F	RR	S&S	Collar Joint
150	✓		✓		✓				✓	✓
200			✓		✓				✓	
225	✓									✓
250			✓		✓				✓	
300	✓		✓		✓		✓		✓	✓
400			✓		✓				✓	
450	✓		✓	✓	✓	✓	✓		✓	✓
500			✓		✓				✓	
600	✓		✓	✓	✓	✓	✓		✓	✓
700			✓		✓				✓	
900	✓		✓	✓	✓	✓	✓		✓	✓
1000			✓	✓	✓	✓		✓		
1200	✓		✓	✓	✓	✓	✓	✓	✓	✓
1400			✓	✓	✓	✓		✓		
1600			✓	✓	✓	✓		✓		
1800			✓	✓	✓	✓		✓		
2000			✓	✓		✓		✓		
2200				✓		✓		✓		

Precast Kerb Stones & Dividers



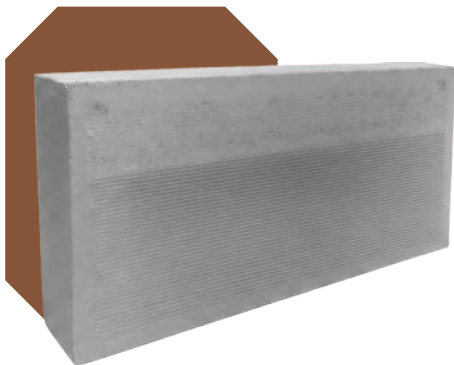
Half Batter Kerb Stone

Sizes: 600×300×100 mm to
600×450×150 mm.



Bull Nose Kerb Stone

Size: 600×300×100 mm to
600×300×150 mm.



Square Kerb Stone

Size: 600×300×100 mm to
600×450×150 mm.



Road Divider

Single Hole Divider, Double-Hole,
600 mm Round Divider,
750 mm Two Step Divider.

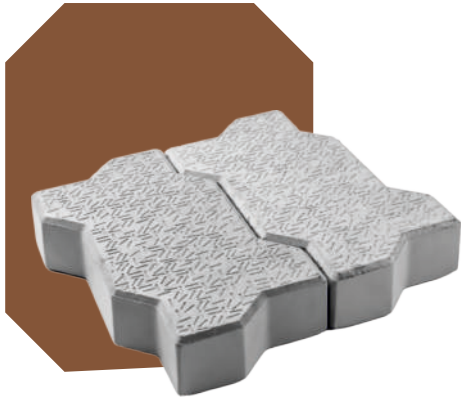
Product Description



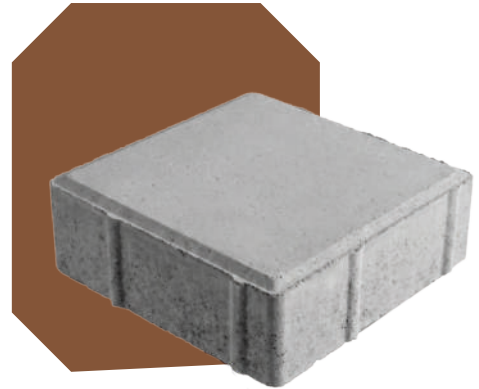
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Somnath Precast Kerb Stone & Divider are manufactured using high-grade concrete to provide strong, long-lasting edge protection and lane separation. They are designed to withstand heavy traffic, harsh weather, conditions and daily wear while maintaining a neat and durable finish.

Precast Paver Blocks



Zig - Zag



Square



Brick



Stone

Avilable Size

Thickness: 60 mm, 80 mm, 100 mm, 120 mm, 150 mm

Product Description



SOMNATH
P R E C A S T

Somnath Precast Interlocking Paver Blocks are manufactured using high-quality concrete to create strong, attractive, and long-lasting paved surfaces. Their interlocking design ensures excellent load distribution, making them suitable for pedestrian walkways, parking areas, roads, driveways, and industrial pavements.

A Quality Assurance Program

Inspection Facility at Manufacturing Plant.



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Hydrostatic pressure Test

A mandatory quality assurance protocol where pipes are subjected to high pressure watertesting to detect micro-cracks or porosity. This ensures only defect-free, high durability products reach your infrastructure project.



Three-Edge Load Bearing Test

A mandatory structural test used to validate the crushing strength of our concrete pipes. It ensures that every unit leaving our factory possesses the necessary resilience to withstand heavy traffic and deep burial loads.

A Quality Assurance Program

Inspection Facility at Manufacturing Plant.



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Concrete Cube Compression Test

Concrete cube specimens are tested under compression to determine their compressive strength the measured failure load confirms that the concrete meets the specified strength requirements.



Load Bearing Capacity Test

Load-bearing capacity testing verifies that precast cover can safely with stand the specified design loads in accordance with applicable standards.

Quality Assurance



Certifications



Company Name	Category	CM/L No.	IS Code
Somnath Cement Pipe Product	Horizontal Cast Pipe	CM/L 7600134208	IS 458
Apollo Precast	Vertical Cast Pipe	CM/L 7900120855	IS 458
Somnath Cement Pipe	Manhole	CM/L 8200189213	IS 12592

Our Ventures



SOMNATH
P R E C A S T

OUR VALUABLE CLIENTS



**GUJARAT URBAN
DEVELOPMENT
COMPANY LTD**

A GOVERNMENT OF GUJARAT UNDERTAKING
BUILDING INFRASTRUCTURE FOR URBAN GUJARAT

GUDC-Gujarat Urban Development Company Ltd.



**GWSSB-GUJARAT WATER SUPPLY &
SEWERAGE BOARD**



**MPUDC-Madhya Pradesh Urban Development
Company Limited**



NHAI-National Highways Authority of India



INDIAN AIR FORCE



INDIAN NAVY



INDIAN RAILWAYS

**We have successfully worked with these departments,
Numerous municipal corporations, and reputed
Contractors across india.**



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 www.somnathprecast.com

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Near Greenland Chokdi,
Rajkot-360003, Gujarat.

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