

innovative lifestyles



Striving Creativity and lack of innovations in the market gave birth to the Brand "JASPER" in 2017. With the simple philosophy of serving market with innovative and exceptional products in the market and create a distinctive image for itself in the market.

"JASPER" products are designed to provide smart and effective solutions to the customer needs with its innovation and highest quality standards.

JASPER is a prominent name in MP, CG, UP & MH. and is the largest manhole cover company in Central India.



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### Traditional CI Manhole Cover



### Jasper FRP Manhole Cover







### What is FRP?

**FIBRE-REINFORCED POLYMER (FRP):** Is a composite material made of a polymer matrix reinforced with fibers, the fibers are usually glass fibers, the polymer is usually an epoxy, vinyl ester, or polyester thermosetting plastic, and phenol-formaldehyde resins are still in use. FRP's are commonly used in the aerospace, automotive, marine, construction industries and ballistic armor.

**ADVANTAGES AND LIMITATIONS:** FRP allows the alignment of the glass fibers to suit specific design programs. Specifying the orientation of reinforcing fibers can increase the strength and resistance to deformation of the polymer. Glass reinforced polymers are the strongest and most resistive to deforming forced when the polymers fibers are being exerted with a parallel force.

### FRP Technical Specifications

**JASPER - FRP MANHOLE COVER HEAVY** 

Sr.no	Size in Inch	Clear opening	PKG
1	305X305 MM (12X12)	250X250 MM (10X10)	12
2.	380x380 MM (15X15)	300X300 MM (12X12)	10
3.	460X460 MM (18X18)	390X390 MM (16X16)	5
4.	610X460 MM (24X18)	510X355 MM (20X14)	4
5.	535X535 MM (21X21)	460X460 MM (18X18)	4
6.	610X610 MM (24X24)	510X510 MM (20X20)	3
7.	710X710 MM (28X28)	610X610 MM (24X24)	1
8.	760X760 MM (30X30)	660X660 MM (26X26)	1
9.	915X610 MM (36X24)	810X510 MM (32X20)	1
10.	915X460 MM (36X18)	810X355 MM (32X14)	1
11.	915X915 MM (36X36)	765X765 MM (30X30)	1

Available in 2.5 Tons and 5 Tons.

Colors Ivory Gray



# The most affordable & advanced water tank cover JASPER SMART DRAIN MS WATER TANK COVER



- Smart looks
- Anti resistant
- High load bearing capacity
- Round corner
- Long life
- High sheen
- Perfect finish
- Best in class
- Attractive look



JASPER SMART DRAIN MS WATER TANK COVER are specially crafted masterpieces for your water tanks. Keeping your aesthetics as well as safety intact.

### WITH SMART LOCKING SYSTEM

### JASPER - MS WATER TANK COVER

Sr.no	Size in Inch	Clear opening	PKG
1	300X300 MM (12X12)	250X250 MM (10X10)	12
2.	375x375 MM (15X15)	300X300 MM (12X12)	10
3.	450X450 MM (18X18)	400X400 MM (16X16)	5
4.	535X535 MM (21X21)	550X400 MM (19X19)	4
5.	600X600 MM (24X24)	485X485 MM (22X22)	4
6.	600X450 MM (24X18)	550X550 MM (22X16)	3
7.	680X680 MM (27X27)	630X630 MM (25X25)	1
8.	750X750 MM (30X30)	700X700 MM (28X28)	1
9.	750X600 MM (30X24)	700X550 MM (28X22)	1
10.	680X535 MM (27X21)	850X400 MM (25X19)	1
11.	900X450 MM (36X18)	850X550 MM (34X16)	1
12.	900x600 MM (36x24)	850x550 MM (34X22)	1
13.	900x900 MM (36x36)	850x850 MM (34X34)	1

JASPER SMART DRAIN MS WATER TANK COVER are made with premium quality material and high sheen finish the best in class product in the market.



### **JASPER STRONG DRAIN RECESSED MANHOLE COVERS**





Jasper Smart Drain Recessed Manhole Covers enable Block Paving, Slabs or Screed to be laid within a metal tray to give access to the drainage system whilst blending in seamlessly with the surrounding materials.

# JASPER STRONG DRAIN RECESSED MANHOLE COVERS

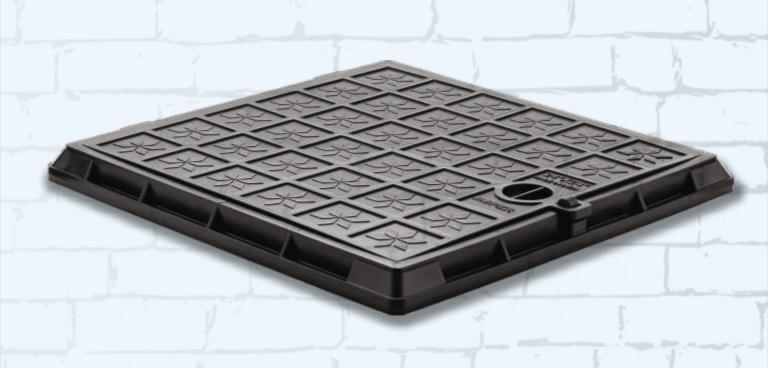
Sr.no	Size in Inch	Clear opening	PKG
1	300X300 MM (12X12)	250X250 MM (10X10)	12
2.	375X375 MM (15X15)	300X300 MM (12X12)	10
3.	450X450 MM (18X18)	400X400 MM (16X16)	5
4.	535X535 MM (21X21)	550X400 MM (19X19)	4
5.	600X450 MM (24X18)	550X550 MM (22X16)	3
6.	600X600 MM (24X24)	485X485 MM (22X22)	4

### MANHOLE COVER OPTIONS:

Our options include covers that can be fitted discreetly into block paving or patios or even inside the house.



# JASPER PVC MANHOLE COVER LITE





### **Jasper PVC LITE MANHOLE COVER affordability & Value for Money Product.**

### **QUALITY WITH AFFORDABILITY.**

### **FEATURES**

- Weather Proof.
- High Life Span.
- Easy Handling.
- Non Corrosive.
- Abrasion Resistance.
- Safe And Anti Slippery Surface.

Size (in mm)	Inner (Pack)	Master (Pack)
250x250 (10x10)	10	80
300x300 (12x12)	10	40
375x375 (15x15)	4	24
450x450 (18x18)	2	10
600x450 (24x18)	2	10
600x600 (24x24)	2	8
535x535 (21x21)	2	10



## THE SMARTEST DRAINAGE SOLUTION **JASPER SMART DRAIN PVC MANHOLE COVERS**











**WEATHERPROOF** 

**HIGH LIFESPAN** 

**EASY HANDLING SAFE & ANTI SLIPPERY** SURFACE

- Weather Proof
- High Life Span
- Easy Handling
- Non Corrosive
- Abrasion Resistance
- Safe and Anti Slippery Surface
- Specially Designed strong Corner



# JASPER SMART DRAIN HEAVY COVER is the premium quality & best in class products in its category.

India's most premium PVC Chamber Cover.

### WHY USE "JASPER" PVC MANHOLE

DESCRIPTION	JASPER	CAST IRON	MS/GI	RCC
Life Cycle	High	Moderate	Low	Moderate
Corrosion Resistance	High	Moderate	Very Low	Moderate
Cost	Low	High	High	Moderate
Strength	High	Moderate	Moderate	Low
Handling	Easy	Hard	Hard	Very Hard
Scrap value	Low	High	High	Low

### **JASPER PVC EXTRA HEAVY MANHOLE COVER**

Sr.no	Frame size	Clear Opening	KG
1	460X460 MM (18X18)	380X380 MM (15X15)	8
2	610X460 MM (24X18)	500X350 MM (20X14)	5
3	610X610 MM (24X24)	500X500 MM (20X20)	4
4	535X535 MM (21X21)	445X445 MM (18X18)	Coming Soon
5	680X680 MM (27X27)	610X610 MM (24X24)	4









# JASPER PREMIUM SUCTION PIPE is made by premium quality raw material and made with highest quality strength .

### **Salient Features**

- . Light Weight
- . High Flexibility
- . High Presser Resistant
- . Super Efficient and superior performance .

### JASPER PREMIUM SUCTION PIPE

### Available Sizes

SIZE
20 mm (3/4")
25 mm (1")
32 mm (1-1/4")
40 mm (1-1/2")
50 mm (2")
65 mm (2-1/2")
80 mm (3")



**Premium Quality Garden Hose Pipe** 



### **JASPER Premium Tubing Pipe**

Jasper Premium Tubing are made of premium quality Flexible PVC.

- High Flexibility
- Smooth Surface
- Chemical Resitance
- Attractive Colors
- High Life Strength

### Uses -

- Water Transportation
- Watering Gardens / Construction sites / Household cleaning

### Range -

- 15 mm (1/2") to 32 mm (1-1/4")
- Comes in 4 different varieties.

Dual Coat - Two Layer Dual Coat Tubing Pipe.

Opaque - Two layer single color tube pipe.

Zebra - single layer zebra style pipe.

Transparent - single layer transparent tube pipe.

### Also Available

- Level Pipe
- Braided garden Pipe



Tile Fixing with Precision





"Jasper Smart Bond" is a high performance cement-based, polymer modified, flexible tile adhesive. It is fast setting, specially formulated and designed to suit Indian environmental conditions complying with the ENBS EN 12004 Type C2F S1 standards. It is suitable for a bed thickness of 3mm – 6mm, interior exterior, floor and wall applications. While it is mainly used for a bed thickness of up to 6mm, it can also be suitably used for a thickness up to 12mm "SMART BOND" can be used for areas which are totally immersed in water e.g. swimming pools and wet rooms. The product is recommended for fixing ceramic, fully vitrified tiles, marble, granite, natural stone and mosaics to a variety of cementitious substrates including those subject to minor movement/vibration. "SMART BOND"uses the thin bed tile fixing method for a faster, professional and lasting tile installation.

#### **Features and Benefits**

Suitable over concrete, cement renders / plasters, screeds, fibrous cement sheeting, plasterboard & IC approved waterproofing membranes, "Jasper Smart Bond" confirms to EN 12004:2007, EN 12002, ANSI A118.4

- "Jasper Smart Bond" is premixed and ready to use. Only water is to be added at site
- It can be used for both Interior and Exterior application
- High Tensile Adhesion strength results in higher grab and durability
- Self-Curing and Sag Resistant
- Effortless Mixing & Ease of Spreading result in higher output
- Greater workability due to long pot life and extended open time
- For interior and exterior application
- Ease of workability & higher coverage leads to higher productivity

### Method of Application

SURFACE PREPARATION

- The surface should be clean and free from dirt, loose material, chemical, oil, grease and other contaminants before application of "Jasper Smart Bond" Pre-wet the cementitious substrate and ensure that the substrate is in saturated and surface dry (SSD) state prior to the application of "Jasper Smart Bond"
- Concrete screeds, plastered surfaces, block work and renders should be sufficiently cured to avoid shrinkage cracks. Substrates should be in plumb and or in slope before application of adhesive.
- Roughen the surface or provide mechanical support for higher span tiles or very high grade of concrete to ensure proper bonding, if required.
- Clean the tile to remove any contaminant that may reduce the bond strength.





Color	GREY	
Coverage standard	50-60 Square ft. (20 kg bag) a conditions at 3 mm thickness	at
Area of applications	New construction floor tile, flotile upto 600 mm X 600 mm, tiles upto 600 mm X 300 mm (Horizontal & Vertical)	
Water demand	27-30%	
Pot life	> 60 minutes	
Ready for grouting on walls	6-8 hours	
Ready for grouting on floors and light traffic Pull of adhesion strength	24 hours	
7 days	1.14(N/mm2)	
14 days	1.22(N/mm2)	
28 days	1.39(N/mm2)	

6.3(N/mm2)

8.1(N/mm2)

Compressive Strength

7 days 28 days







Color	GREY	
Coverage standard	55-65 Square ft. (20 kg bag) a conditions at 3 mm thickness	t
Area of applications	Tile on Tile adhesive wall tiles 2400mm x 1200 mm (upto 10	
Water demand	27-30%	
Pot life	> 60 minutes	,
Ready for grouting on walls	6-8 hours	
Ready for grouting on floors and light traffic Pull of adhesion strength	24 hours	
7 days	1.14(N/mm2)	
14 days	1.22(N/mm2)	
28 days	1.39(N/mm2)	
Compressive Strength 7 days 28 days	6.3(N/mm2) 8.1(N/mm2)	





meters)



Color	GREY
Coverage standard	55-65 Square ft. (20 kg bag) at conditions at 3 mm thickness
Area of applications	Granite/Marble stones, Tiles Larger than 2400 mm X 1200 mm, elevation tles, tiles in exposed areas Door and window sealing.

27-30%

1.39(N/mm2)

Pot life	> 60 minutes
Ready for grouting on walls	6-8 hours
Ready for grouting on floors and light traffic Pull of adhesion strength	24 hours
7 days 14 days	1.14(N/mm2) 1.22(N/mm2)

Compressive Strength 7 days

28 days

Water demand

7 days 6.3(N/mm2) 8.1(N/mm2)







Color	WHITE
Coverage standard	55-65 Square ft. (20 kg bag) at conditions at 3 mm thickness
Area of applications	Granite/Marble stones, Tiles Larger than 2400 mm X 1200 mm, elevation tles, tiles in exposed areas Door and window sealing.

27-30%

Water demand	27 30 70
Pot life	> 60 minutes
Ready for grouting on walls	6-8 hours
Ready for grouting on floors and light traffic Pull of adhesion strength	24 hours
7 days	1.14(N/mm2)
14 days	1.22(N/mm2)
28 days	1.39(N/mm2)

Compressive Strength

Water demand

7 days 6.3(N/mm2) 8.1(N/mm2)





# **TILE JOINT FILLER**

# HIGH STRENGTH POLYMER MODIFIED GERMAN BASE TECHNOLOGY



- •FOR TILE JOINTS
- **•UNIFORM COLOUR**
- •HARD & DURABLE
- ECONOMICAL



Jasper Tile Joint Filler is a High Jasper Tile Joint Filler used for filling tile joints in kitchens, bathrooms, toilets, shower stalls etc.

### **FEATURES & BENEFITS:**

- High polymer content to give waterproof joints
- Non dusting
- Easy to use. Lump-free grout can be used both vertical & horizontal surfaces
- Ideal for use in submerged conditions
- Available in a range of pleasing & attractive colours to match the colours of tiles

### **HOW TO USE:**

- Add 3 parts of Jasper Tile Joint Filler to one part of water by volume
- Add powder to water and mix until thick creamy paste is produced
- Apply to the spaces between the tiles using a sponge, pack the mixture into the joints and around the edges
- Remove uncured excess grout from textured tiles prior to setting

### **COVERAGE:**

1kg, Tile Joint Filler cover approx 49 running meter of 3 mmx5 mm Joint

### **SAFETY PRECAUTIONS:**

Jasper Tile Joint Filler is a cement based Putty. Care should be taken to avoid inhalation of dust and contact with eyes. All cement based products, when mixed or damp release alkalis which can be harmful to the skin.

# **Epoxy Grout**

Three component high strength epoxy based tile joint filler.





### **Epoxy Based Colorful Tile Grout**

Jasper epoxy is a three – component epoxy based ceramic tile and stone joint filler with chemical resistant properties. It is used as a high performance epoxy adhesive for grouting in high traffic areas like hospitals, factories, garage etc.

### Uses / Application Jasper Epoxy Grout

- Grouting in Chemical Industries, Hospitals, Wet Areas, Garage
- High Traffic Areas
- For Tile Joints of width 2-12mm
- On wall & Floor in Internal & External Areas

#### **Benefits**

- High Performance
- Chemical Resistance
- Crack Resistance
- Hard Wearing

- Hygiene Importance
- Abrasion Resistance
- Resists Stains & Fungus
- Easy to Mix & Apply

#### **Forms**

Three Components (Resin, Hardener & Filler)

#### Colour

Available in multiple attractive colors.

#### Pack Size

1kg (Resin + Hardener 270 g & Filler 730 g) 5kg (Resin + Hardener 1.35 kg & Filler 3.65 kg)

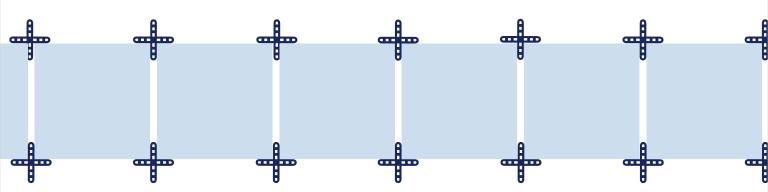
#### Shelf Life

1 year from the date of manufacturing.

### **Technical Specifications**

Specific gravity (mixed) 1.74 Pot life Up to 1 hour Setting time 24 hours Hardening time 4-8 hours 10-11 Shear strength @ 14 days >30 KN Water absorption Nil Mix consistency Smooth paste Recommended joint width 2 mm - 12 mm





# Tile Spacer

Tile spacer for highly resistant and precise tiling

Tile spacers are made of a highly resistant material. Also reinforced and prepared to bear heavy tiles.



Wedges for tiling, 5 and .5 mm high. Made of shockproof polystyrene. Also reinforced and made to became hard And made to bear the load of heavy tiles.

	mm (in)
$\times$	2
$\times$	3
	4
G1 11	5
CT 18	6
(1) (1) (1) (1)	8
CT 10	10



# JASPER SMART DRAIN SCREEN & DISK FILTER













### Technical specification (disk filters)

MODEL	JDF-007	JDF-010	JDF-012	JDF-015	JDF-020	JDF-025	JDF-030
DISK SIZE	46 X32.7 X 1.1mm	46 X32.7 X 1.1mm	76 X 46 X 1.1mm	76 X 46 X 1.1mm	130 X 101 X 1.10 mm	130 X 101 X 1.10 mm	130 X 101 X 1.10 mm
MAX WORKING PRESSURE	8kg/cm²	8kg/cm²	8kg/cm²	8kg/cm²	5kg/cm²	4kg/cm²	4kg/cm²
MAX RECOMMENDED FLOW	5000 lit/hr	5000 lit/hr	10000 lit/hr	10000 lit/hr	25000 lit/hr	35000 lit/hr	50000 lit/hr
CLEAN PRESSURE DROP	0.4kg/cm <sup>2</sup> -0.5kg/cm <sup>2</sup>	0.4kg/cm <sup>2</sup> -0.5kg/cm <sup>2</sup>	0.4kg/cm²-0.5kg/cm²	0.4kg/cm²-0.5kg/cm²	0.4kg/cm <sup>2</sup> -0.5kg/cm <sup>2</sup>	0.4kg/cm <sup>2</sup> -0.5kg/cm <sup>2</sup>	0.4kg/cm <sup>2</sup> -0.5kg/cm <sup>2</sup>
MAX TEMPRATURE	60°C	60°C	60°C	60°C	60°C	60°C	60°C

### Screen filters

MODEL	JSF-007	JSF-010	JSF-020	JSF-025	JSF-030
MESH SIZE (120 MICRON)	158 X125.60 X 0.20 mm	158 X125.60 X 0.20 mm	190 X 200 X 0.20 mm	190 X 200 X 0.20 mm	190 X 200 X 0.20 mm
MAX WORKING PRESSURE	8kg/cm²	8kg/cm²	5kg/cm²	4kg/cm²	4kg/cm²
MAX RECOMMENDED FLOW	5000 lit/hr	5000 lit/hr	25000 lit/hr	35000 lit/hr	50000 lit/hr
CLEAN PRESSURE DROP	0.4kg/cm²-0.5kg/cm²	0.4kg/cm²-0.5kg/cm²	0.4kg/cm²-0.5kg/cm²	0.4kg/cm <sup>2</sup> -0.5kg/cm <sup>2</sup>	0.4kg/cm <sup>2</sup> -0.5kg/cm <sup>2</sup>
MAX TEMPERATURE	60°C	60°C	60°C	60°C	60°C

### Disk Filter

DISK FILTER	CODE
3/4"	JDF-007
1"	JDF-010
1.25"	JDF-012
1.5"	JDF-015
2"	JDF-020
2.5"	JDF-025
3"	JDF-030

### Screen Filter

SCREEN FILTER	CODE
3/4"	JSF-007
1"	JSF-010
2"	JSF-020
2.5"	JSF-025
3"	JSF-030



### JASPER SMART DRAIN

Rainwater Harvesting Filter



#### **IASPER ROOF WATER FILTER**

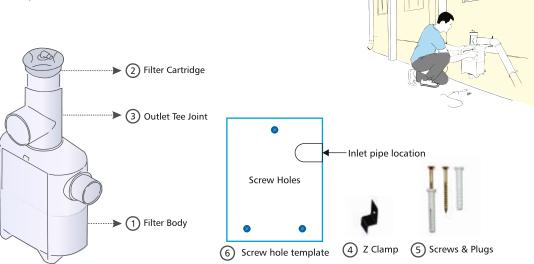
Rainwater collected on the roof is very pure and clean. However, there are many substances, which get mixed with this pure water on the roof (leaves, bird droppings, dust etc.). These impurities need to be filtered before the rainwater is stored or recharged in to the ground. "Jasper Roof Water Filter" is a scientifically developed device, which is very effective and user friendly. This filter will effectively filter roof top rainwater from residential buildings and smaller institutional or industrial buildings. These Jasper Roof Water Filters are simple in design and are very flexible to install in varying field conditions. An important feature in filtering rainwater is the separation of the first flush of rainwater from the relatively cleaner and purer subsequent rainwater.

The down water pipes are placed vertically on the walls. These pipes receive water from the rooftop through  $90^\circ$  bend or elbow attached to them at the top. The other end of the pipe is left free for the water to flow down or attached with a  $45^\circ$  elbow or a bend to facilitate the water to flow away from the building. RoofWater Filter comes in a carton box and will have 6 components.



Save the rain water today to Enjoy your tomorrow on

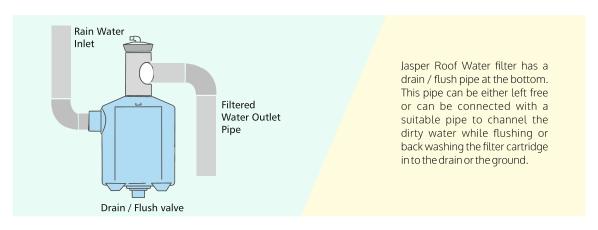
### THE EARTH





#### INLET & OUT LET PIPE CONNECTION

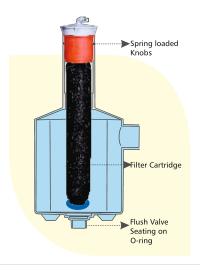
Down water pipe carrying the roof water need to be connected to the inlet of the filter with proper pipe fittings (110mm or 4 inch elbow or bend and if required pipe collar). Filtered rainwater outlet need to be connected to a pipe and suitable fittings (110 mm or 4 inch) to channel the filtered water in to the water storage tank or underground sump. Make sure the elbows or bends or pipe connecting to the filter at inlet and outlet are firmly anchored on to the wall with proper pipe clamps and screws.



#### **FILTER ELEMENT**

Filter element is made of plastic net and mesh of varying sizes to effectively filter rainwater from the roof of a building. This filter cartridge is designed for the life time of the filter and normally need not be replaced. A cap-holder rim on the top facilitates installation of the filter

element inside the filter body and also positions the filter element at appropriate height inside the filter body. While removing the filter element from the filter, gently pull the cap-holder vertically upwards. Make sure the entire length of the filter element is pulled out of the filter before tilting. While installing the filter element back in to its position, make sure the mesh role enters the barrel without any crinkle. Gently push the filter element downwards up till the cap-holder sits and positions itself on the vertical column of the filter. The filter cartridge cap has two spring loaded knobs and the knobs need to be pushed inside before pressing down the filter cartridge into its position. The bottom of the filter cartridge has a flow stopper arrangement and sits on a rubber Oring. This arrangement allows the water to flow out of the filter at the bottom or stop the flow when required. Important • Jasper RoofWater Filter must be installed in vertical position only. • Jasper RoofWater Filter can handle rainwater from a maximum of 1500 sq. ft. of roof area with 1000 mm / 40 inch annual rainfall. • Keep the Jasper RoofWater Filter dry during non rainy days by lifting the filter cartridge and releasing the spring loaded knobs on to the rim of the outlet. This will release stagnant water inside the filter body along with all the dirt collected and filtered.

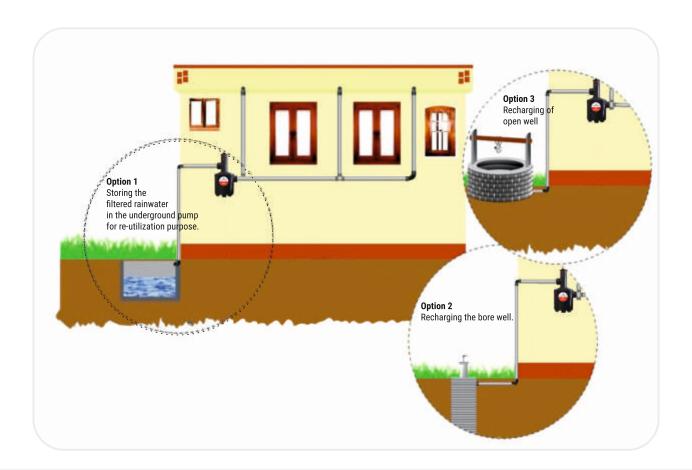




#### INSTALLATION OF IASPER ROOF WATER FILTER

Jasper Roof Water Filter is installed at the bottom end of the down water pipe. The pipe running down on the wall need to be fitted with a  $90^{\circ}$  elbow or a bend and connected to the inlet (rainwater inlet) of the Jasper Roof Water Filter. The connection from the down water pipes to the inlet is through the 90mm or 110mm (3" or 4") elbow and a connecting pipe or a reducer collar. The filter so installed must have a gap of minimum 12 inches / 150 from the floor. This will facilitate easy flow of flush water with undesirable substances coming from the roof.

Jasper Roof Water Filter has an outlet (filtered water outflow) through 110mm Tee joint. This Tee joint along with the filter cartridge can be turned in any direction (360°) in its place. This will facilitate positioning of the filter outlet in any direction convenient for installation in the site. This facility is provided in the filter to add flexibility in connecting the outlet of the filter in the required direction to allow filtered water to flow in to the tank.

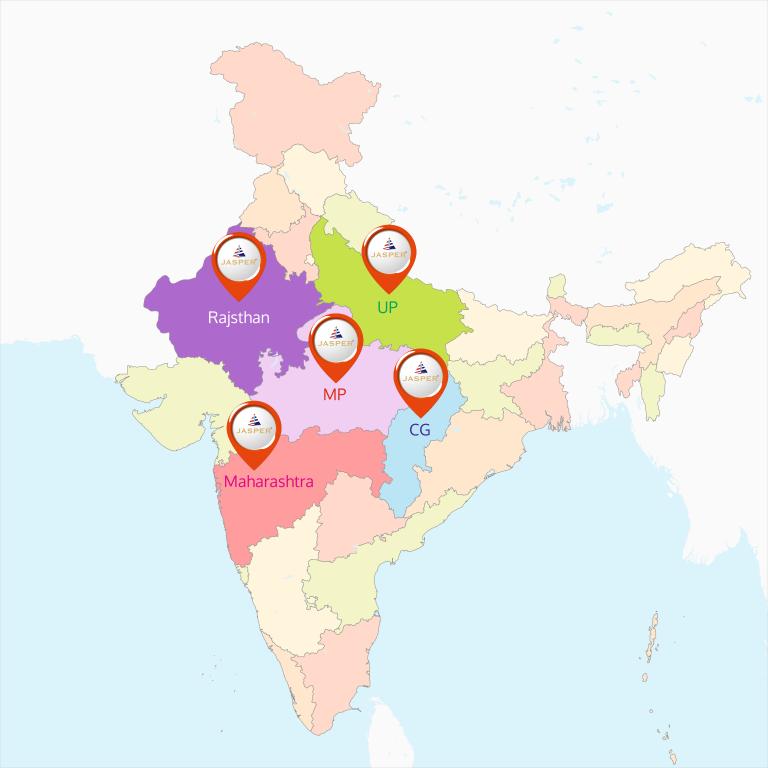














### **Upcoming Product**



FRP Gully drain Cover with frame & without Frame



FRP Anti Cockroch Jali



Tile Cleaner / Multipurpose Cleaner

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