



## **UltraGard** Composite Covers

The Supreme Industries Ltd., is an acknowledged leader of India's plastic industry. It is credited with pioneering several path breaking products and has been a torch bearer in the transition from conventional to advanced plastic piping products in the country. Its customer centric approach fuels its research for designing unmatched quality products to meet the aspirations of its quality conscious customers. The innovative product portfolio offered by Supreme is extensive in range and application and comprises variety pipes and vast spectrum of fittings totaling over 8000 diverse products.

In line with the tradition of introducing many unique and innovative products, we are pleased to introduce composite plastic covers under the brand name of '**UltraGard**'. Supreme UltraGard composite covers are designed and rigorously tested as per EN:124 standard and offers many advantages like improved structural strength, durability, better UV and chemical resistance properties. These advantages make these covers an ideal choice for the gullies, inspection chambers and manholes. Looking at the versatile features these covers will successfully replace the conventional CI, SFRC and GRP covers.



### Unique Features

- **Light in weight – easy to handle and install**
- **Strong and sturdy design to withstand designed loads**
- **Better impact strength**
- **Anti-skidding design**
- **Excellent resistance to wear and tear**
- **Excellent chemical, corrosion, abrasion and UV resistance**
- **Non recyclable material and better locking provision helps to protect against thefts**
- **Cost effective**



UltraGard - 315



UltraGard - 355



UltraGard - 315



UltraGard - 450



UltraGard 600 x 450

### Product Range

#### Composite frames and covers

Size	Type	Load class (MT)	Cover		Frame		
			O.D.	Height	I.D.	O.D.	Height
250	Round	L.W.	250	18	210	295	28
315	Round	1.5	315	23	275	360	33
315	Square	3.5	314x314	40	279	335x335	140
355	Round	3.5	400	23	335	475	40
450	Round	10.0	518	40	475	611	63
450	Square	3.5	448x448	40	412	473x473	140
600x450	Rectangle	5	640x490	43	600x450	700x550	40

#### Gully top covers

Size	Type	Load class (MT)	Cover		Frame		
			O.D.	Height	I.D.	O.D.	Height
300x300	Square	2.5	335x335	31	300x300	400x400	40

All dimensions are in mm

### 450mm, 10mt Composite Covers (Additional Unique Features)



- Provision of hinge joint between frame and cover for easy opening and closing of cover, this also helps to safeguard the cover.



- Provision of slots on the frame base to have proper anchoring with the concrete.
- Adequate seating area on frame to have proper resting of cover which eliminates the possibility of cover movement and its dislocation.

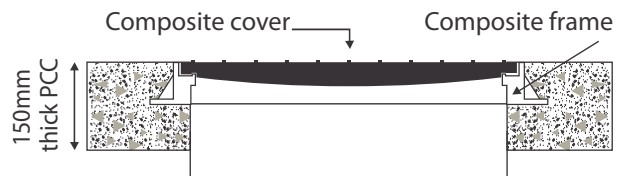


- Anti-skidding design with negligible gap between the frame and cover.
- Can also be supplied with air tight variety.

### Application

Domestic, public and industrial areas like residential houses, gardens, garages, parking areas, roads, sport amenities, shop floors etc.

### Installation Guidelines



#### Installation of composite frame and cover

- Install the frame and cover after the completion of backfilling up to the desired top level, around the inspection chamber/ manhole etc.
- Provide a 6" thick PCC to give a firm support to the cover frame (PCC should be provided in such a way that min. 25mm gap is maintained between the top of the riser or shaft and the bottom of the cover)
- Place the frame on wet PCC and fix-it using stud or fastener.
- Match the top surface of frame with road top level using the road construction material (concrete or bituminous hot mix).
- Now put the cover on the frame and fix it with the screws or given locking arrangement. (450mm frame and cover are supplied as a set)

Note : Allow min. curing time to set the PCC to achieve the required strength.

**The Supreme Industries Ltd.,** (Plastic Piping Division)  
1161/1162, Solitair Corporate Park, Building No. 11,167, Andheri Ghatkopar Link Road, Andheri (East) Mumbai - 400 093. India. Tel.: 91-22-3084 0000, 4043 0000

**Overseas Office:** Sharjah, UAE. Tel # + 971 6 557 4484; Fax # + 97165574485

Toll Free: 1800-102-4707  
pvc-pipes@supreme.co.in  
www.supreme.co.in

Download the App  
**Supreme Pipes**  
Available on the App Store  
Available on Google play