

# Fusion of Technology

## **Installation UPVC Membrane**









Physical properties of UPVC sheet as per IS: 2076/1981 are given bellow.

S. No.	Properties	Unit	Type 1	Type 2
1	Thickness	mm	0.07-0.25	0.26 to 1.00
2	Tensile Strength	Kgf/cm <sup>2</sup>	140 min	120 min
3	Elongation at break	%	200 min	150 min
4	Tear strength longitudinal and transverse direction	Kg/cm	40 min	40 min
5	Cold Resistance at 0°C × 1 hour	Visual	No crack	No crack

We can make UPVC sheet as per customer requirment.



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## **UPVC Water Proofing Membrane**

Unsupported flexible poly vinyle chloride membrane is manufactured from polymer of vinyl chloride such material compounded with plasticizers, stabilizers and then converted into flexible sheet.

UPVC water proofing membrane is necessary in all the areas starting from small household to large building including the biggest industrial and the commercial building needs reliable membranes that retain the dryness of the concrete, masonry membrane structures and make it safe against the attack from salts, alkalies and from certain acids and provides water and weather resistance.

#### Uses

- 1. Swimming pools
- 2. Tanks
- 3. Reservoirs
- 4. Water barrier slabs
- 5. Basements
- 6. Damp roof
- 7. Below plain cement concrete bridges
- 8. Suppuration layer of agricultural fields
- 9. Hydro projects

