

# Insuwrap PVC 1500 LNTR



## Insuwrap

WATERPROOFING

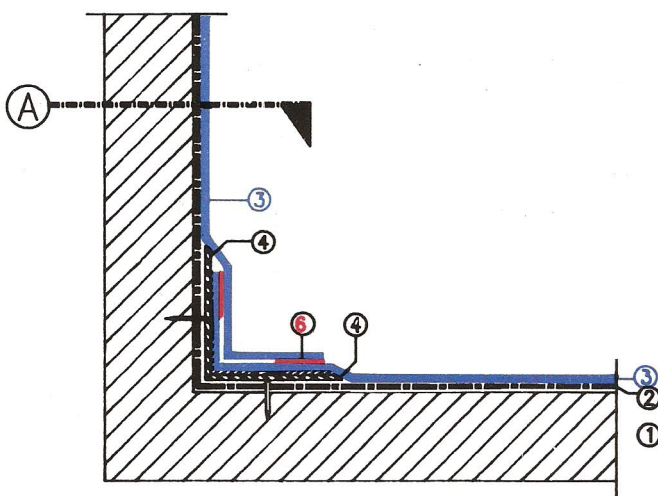
### Product Description :

Insuwrap Pvc 1500 LNTR is a non-toxic calendered Reinforced high polymer waterproofing membrane. The membrane is produced to the highest International standards offering high physical properties and long term durability.

1500 LNTR is produced using the best raw materials produced by SABIC.

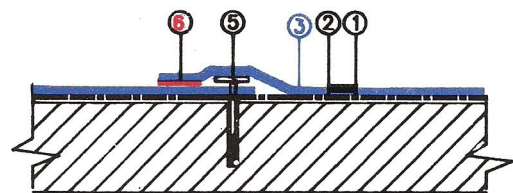
### Field of application

- \* Inside lining of drinking water tanks.



CORNER DETAIL

- ① - R.C.C. WATER TANK SHELL
- ② - PROTECTION LAYER (OPTIONAL)
- ③ - INSUWRAP PVC. (1500 LNTR) NONTOXIC LINER
- ④ - (50x50mm) PVC. COATED METAL ANGLE MECHANICALLY FIXED
- ⑤ - (30mm Width) METAL STRIP MECHANICALLY FIXED
- ⑥ - HOT AIR WELDING



SECTION (A)

### Outstanding Features :

- \* Easy & fast application using hot air welding for joints.
- \* Eliminates all problems of treating expansion joints.
- \* Does not require special surface treatment for the concrete wall.
- \* High resistance to algae formations.
- \* Tested according to British Standard BS 6920 for Non-Toxicity.

### Storage :

Rolls should be stacked horizontally and parallel to each other on a smooth surface, protected from direct sun rays.



## Material Physical Properties Insuwrap Pvc 1500 LNTR

Test	Standard and Requirements DIN 16735	Results, 1500 LNTR
Thickness (mm)		1.50
Mass (kg/m <sup>2</sup> )		1.96
Tensile strength (N/mm <sup>2</sup> )	Min 8.0 N/mm <sup>2</sup>	> 12.0
Elongation at break	Min 150%	> 200%
Thermal stability (90C - 6 hrs)	Change Less than 1%	< 0.1%
Tear strength (N)	80 N (Min)	> 100N
Puncture resistance	Drop hammer 500gms, no leak on falling from 300mm	Passed
Water vapour defusion resistance (μ)	Less than 30,000	< 22,000
Cold bend	No cracks at -20°C	No. cracks at - 30 °C
Resistance to Algae formation		High Resistance

### ROLL DIMENSIONS :

Roll length ..... 25.0m.  
Roll width ..... 1.4 m.  
Weight / Roll (approx) ..... 69.0 kgs.

## WATERPROOFING AND WRAPPING PRODUCTS CO., LTD.



**Insuwrap**

WATERPROOFING

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