

# Technical Data Sheet

# Larsen POLY-TECH

## CSM



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### Roof Waterproofing Coating

It is water based high performance universal roof system specifically developed for long term protection of all type of roof surfaces.

- It is formulated on a complex blend of acrylic resins reinforced with inorganic fibres which offers outstanding weatherproofing and waterproofing properties.
- Optimum levels of UV resistance, flexibility, adhesion and durability for any roof surfaces.
- Easy Application : Single component-water based resulting easy application and cleaning of tools.
- Long Term Flexibility : Remain permanently flexible upon extended exterior exposure.
- Water Based : No N.O.C. environment friendly
- High Film Build : High volume solids allows high build coating

### Technical details :

- Appearance : Coloured thixotropic liquid
- Mixing Ratio : Supplied ready for use
- Density : 1.35 kg./lit
- Recoat ability : Min: 4 hrs. Max : none.
- Volume Solid : 60%
- Application Method : Brush/Roller /Airless Spray

Coverage : 1 kg/sq.m 500 microns system

## Larsen Building Products (I) Pvt. Ltd.

Tiles & Stone Adhesive | Grouting | Screeds | Waterproofing | Admixture | Epoxy Flooring

Rajasthan Office : 208, Ganpati Tower, Amrapali Marg, Vaishali Nagar, Jaipur-302 021-Rajasthan  
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❖ **Larsen Poly-Tech CSM** : High performance roof water protection coating system on the concrete / RCC roof.

## System Recommendation :

1. Manual / Mechanical surface preparation by grinding the surface and then removing loose particles.
2. Vacuum clean the surface to remove the dust
3. Providing and applying by brush or roller one coat of **Larsen Poly- Tech Primer of Larsen Building Products**
4. make over the concrete surface of the roof for adhesion.
5. Supply and apply by brush or roller one coat of universal roof protection waterproofing and UV resistant coating **Larsen Poly –Tech CSM** of **Larsen Building Products** make over the primed areas.
6. Immediately lay inorganic **Larsen Poly-Tech CSM** fibre mesh as sandwich layer when previous coat is still wet.
7. When the first coat cures, apply second coat of **Larsen Poly-Tech CSM**
8. Finally, for longer service life apply / touched up with third coat of **Larsen Poly-Tech CSM**.

❖ **Larsen Poly-Tech CSM** : High performance roof / Terrace protection system on the metal sheet Roof

## System Recommendation :

1. Manual / Mechanical surface preparation by grinding the surface and then removing loose particles.
2. Providing and applying by brush or roller two coats of two components Epoxy primer Corrosion protection
3. When coat is still wet broat cast silica sand. Brush of excess silica once the primer has cured.
4. Supply and apply by brush or roller one coat of Universal roof protection waterproofing and UV resistant coating **Larsen Poly-Tech CSM** of **Larsen Building Products** make over the primed areas.
5. Immediately lay inorganic **Larsen Poly-Tech CSM** fibre mesh as sandwich layer when previous coat is still wet.

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- When the first cures, apply second coat of **Larsen Poly-Tech CSM** in the same manner.
- Finally, apply touch up third coat of **Larsen Poly-Tech CSM**.

## System Detail :

### **Larsen Poly-Tech CSM**

**Larsen Poly-Tech CSM** is water based high performance universal roof protection system specifically developed for long term protection of all types of roof surfaces. **Larsen Poly-Tech CSM** is formulated on a complex blend of acrylic resins reinforced with inorganic fibres which offers outstanding weatherproofing and waterproofing properties with optimum levels of UV resistance, flexibility, adhesion and durability for any roof surface.

## **ADVANTAGES :**

- Easy Application
- Long Term Flexibility
- Water Based
- High Film Build



## **PERFORMANCE DATA :**

TEST	RESULTS
Water Vapour permeability ASTM E96	3.0 gm.mm/m <sup>2</sup> /24 hrs
Tear strength	28 kg/ cm <sup>2</sup>
Shore A hardness	> 50

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