

Technical Data Sheet

Larsen WP1100

URP



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Larsen WP100 URP is a modified acrylic emulsion polymer specially designed for modifying cementations composition . Cement mortars modified with **Larsen WP100 URP** are hard, tough and durable compared with unmodified mortars. They are especially useful where thin sections are desirable and where excessive vibration and heavy loads are encountered.

PHYSICAL PROPERTIES :

Appearance	: Milky white emulsion
Solid content (150°c/20min)	: 47.0 ± 0.5%
pH when packed	: 9.5 -10.
Viscosity (Brookfield LVF #1/60@25°C)	: 160 cps. Max
Film test (draw down 250 –micron ambient temp.)	: Clear free from bits, slightly tacky
MFFT	: 10°c – 12°c
Specific gravity of emulsion(typical)	: 1.058
Film casting test @54c dried overnight	: Flexible, doesn't crack on rolling.

Larsen Building Products (I) Pvt. Ltd.

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

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ADVANTAGES :

- Cement mortars, flooring, plasters modified with **Larsen WP100 URP** have superior flexural, bonding and impact strength, as well as excellent abrasion resistance.
- **Larsen WP100 URP** has excellent waterproofing capability and widely used for waterproofing of floors. Rooftops, asements and maintenance of seepage and leakage. It can be used for crack filling and as life joining compound mixing with white cement.
- **Larsen WP100 URP** modified cement mortars doesn't require wet curing as **Larsen WP100 URP** hold the water in system sufficient for cement curing.
- **Larsen WP100 URP** Increase workability of the mortar at one side, at other side this section dry rapidly.
- **Larsen WP100 URP** modified cement mortars are resistant to many industrial chemicals, U/V rays & heat.

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OTHER HIGHLIGHTS:

Larsen WP100 URP can be used to formulate two component metal primers that provide low cost excellent protection for both interior and exterior substrates. The cementitious primers based on **Larsen WP100 URP** are essentially without odor, flammability or other hazards inherent with solvent – borne systems. Some of the major advantages include :

- ❖ Excellent corrosion and water resistance.
- ❖ Complete flash and early rust resistance.
- ❖ Protects rusty as well as clean metal.
- ❖ Cures in damp enclosed areas.
- ❖ Excellent adhesion to metal.
- ❖ Outstanding flexibility.
- ❖ Excellent weather ability.
- ❖ Solvent – free composition.
- ❖ Ambient cure.

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