

Viacrete LW PLUS

PRODUCT DESCRIPTION:

Viacrete LW PLUS is a specially formulated liquid waterproofing additive designed for use in cement, mortar, and concrete. It enhances waterproofing, improves workability, and reduces cracks and segregation in concrete mixes. When added to plaster or concrete, it makes the mix more cohesive and long-lasting.

Technical Details

Property	Result
Appearance	Free-flowing liquid
Colour	Wine red
Specific Gravity	1.04 – 1.09
pH Value	11.0 – 14.0
Non-Volatile Content	13.5 – 14.5%
Chloride Content	0.03% (meets IS 2645:2003 standards)
Water Permeability	Passes IS 2645:2003
Compressive Strength	As per IS 2645:2003
Setting Time	Complies with IS 2645:2003

SUITABLE FOR

- ✔ Internal & external plastering
- ✔ Concrete screeds and roof slabs
- ✔ Basements and foundations
- ✔ Water tanks and sumps
- ✔ Bathrooms and balconies
- ✔ Drains and water-retaining structures

KEY FEATURES & BENEFITS

- ✔ Improves Waterproofing – Reduces water permeability in concrete and mortar
- ✔ Corrosion Resistant – Protects reinforcement by reducing water penetration
- ✔ Crack Control – Minimizes shrinkage cracks in plaster and concrete
- ✔ Improves Durability – Enhances life and performance of structures
- ✔ Better Workability – Makes cement mixes smoother and easier to handle
- ✔ Compatible & Easy to Use – Mixes easily with concrete and mortar without clumping
- ✔ No Impact on Setting Time – Does not delay or accelerate cement setting

DOSAGE

- ✔ 200 ml of Viacrete LW PLUS per 50 kg bag of cement
- ✔ Add to the gauging water, not directly into dry mix



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PACKAGING

Available in 200 ml, 1 L, 5 L, 10 L, 20 L, and 100 L containers

SHELF LIFE & STORAGE

- ✔ Store in a cool, dry place away from direct sunlight
- ✔ Shelf life: 24 months in sealed, original packaging

SAFETY PRECAUTIONS

- ✔ Wear gloves and safety goggles during use
 - ✔ Wash skin thoroughly with water if contact occurs
- Keep out of reach of children

Application Instructions

APPLICATION

- ✔ Dry Mix cement and aggregates for 1–2 minutes
- ✔ Add 75–80% water and mix for 2–3 minutes
- ✔ Mix Viacrete LW PLUS into the remaining water
- ✔ Add this solution to the mixer and blend for 2 more minutes
- ✔ Place concrete or apply plaster as needed
- ✔ Cure properly as per standard practices

LIMITATIONS

- ✔ Do not add directly to dry cement or sand
- ✔ Avoid overdosing
- ✔ Maintain low water-cement ratio for best results