

ADDGUARD PE102+
(INTEGRAL WATERPROOFING ADMIXTURE)

Description

ADDGUARD PE102+ is specially formulated integral waterproofing admixture. It is a liquid additive which provides long term water protection to mortar; it is used as an additive for cement concrete, mortar & plasters. It makes concrete cohesive and prevents segregation.

Typical Application

Waterproofing of concrete and sand-cement mortars used in

- } Basements,
- } Roof slabs,
- } Water tanks & Drain walls,
- } External & Internal plastering,
- } Bathrooms and balconies,
- } Sumps and drains etc.

Features

- } Corrosion resistant - Makes concrete more cohesive, hence protects steel better against corrosion
- } Compatibility – Being a liquid, easily dispersible & compatible with concrete/mortar mixes.
- } Durability – Increases durability by improving waterproofing of concrete.
- } Shrinkage – Reduces shrinkage crack development in plaster & concrete.
- } Workability – Improves workability of freshly mixed cement concrete.
- } By using the whole concrete mass as the waterproof membrane, integral waterproofing products have several major advantages over surface applied products. First and foremost is their invulnerability to damage. The 'internal membrane' cannot be scraped, punctured or torn. It lasts as long as the concrete.

Available packing's

200gm, 1kg, 5kg, (10kg, 20kg & 220kg Coming soon)

Application Method:

Make use of strong water reducing action and follow relevant rules of mix design and concreting practices. ADDGUARD PE102+ Integral Waterproofing admixture may be added along with 20% mixing water to the concrete/mortar mix.

Safety Precautions:

- } Do not add ADDGUARD PE102+ directly to dry cement.
- } Maintain water-cement ratio as low as possible.
- } Do not increase the dosage of ADDGUARD PE102+ than the recommendation.
- } Use required PPE while using.
- } If consumed orally or by mistake contact doctor immediately.
- } Keep out of reach of children.

Dosage

Use 200gm per 50 kg of cement bag.

Shelf Life:

} Best before 24 months from the date of manufacture. When in sealed pack and stored under below 40 degree CIs temperature.

} Store in a cool & dry place.

Technical Information

PROPERTIES	SPECIFICATION	RESULTS
Appearance		Free flowing liquid
Colour		Wine red
pH value		11.0 – 14.0
Setting time, minutes	IS 2645:2003	Passes
Chloride content	IS 2645:2003	0.05 %
Water permeability	IS 2645:2003	Passes
Compressive strength N /mm²	IS 2645:2003	As per the standard