



PLASTCARE BN+

Liquid integral Water Proofing compound
for concrete



DESCRIPTION

BYZON PLASTCARE BN+ is specially formulated integral liquid waterproofing compound composed of surface active plasticising agents, polymers & additives. It is used as an additive for cement concrete, mortar & plasters. It makes concrete cohesive and prevents segregation.

FEATURS & BENEFITS

- Corrosion resistant - Makes concrete more cohesive, hence protects steel better against corrosion
- Compatibility - Being a liquid, easily dispersible & compatible with concrete/mortar mixes.
- Permeability - It reduces the permeability of water into concrete.
- Strength - The setting time and compressive strength of the concrete remains within the specification limits.
- Shrinkage - Reduces shrinkage crack development in plaster & concrete.
- Workability - Improves workability of freshly mixed cement concrete.
- Durability - Increases durability by improving waterproofing of concrete.

AREA OF APPLICATION

- PLASTCARE BN+ can be used for all types of concrete and mortars.

METHOD OF APPLICATION

1. Mortar

- BYZON PLASTCARE BN+ is ideal for use with allsand/cement mortars where minimum permeability is required.

2. Concrete

- BYZON PLASTCARE BN+ is used in all general mass concrete work where, the difficulty of compaction or mix control, the risk of porosity and permeability exists. Such as Basements, bunds walls, tanks, balcony, floor and roof slabs.
- BYZON PLASTCARE BN+ water mixture shall be added to the concrete or mortar and mixed thoroughly. Mixing shall be continued and further water shall be added until the required work ability is obtained.
- The total amount of water added per mix in the initial batches shall be maintained for the remaining batches.
- If the moisture content of the sand or aggregate changes, then the amount of water used must be reduced or increased to give the original work ability.

TECHNICAL INFORMATION

PROPERTIES	RESULT
Colour	Light Brown Liquid
Sp. gr. @ 25°C	1.03 – 1.05
pH value	8 to 10
Chloride Content	Nil
Dosage	200-250ml/50 kg cement bag

PRECAUTIONS & LIMITATIONS

- ▶ Do not add BYZON PLASTCARE BN+ directly to dry cement & aggregate mix.
- ▶ Maintain water-cement ratio as low as possible.
- ▶ Do not increase the dosage of BYZON PLASTCARE BN+ than the recommendation.

SHELF LIFE

- ▶ 24 months for sealed pack when stored under cover, out of direct sunlight, dampproof condition and protect from extremes of temperature.

PACK SIZE

- ▶ 1, 5,10 ,20, 50 & 220 Kg Pack

SAFETY PRECAUTIONS

- ▶ Keep out of reach of children. Wear suitable protective clothing, gloves and eyes/face protection. After contact with skin, wash immediately with plenty of clean water. In case of contact with eyes rinse immediately with plenty of clean water and seek medical advice. Limited to professional use only.

Note: All technical data tested in this product data sheet are based on laboratory tests. Actual measured data may vary according to trails and quality of material availability