



Holcim

Water Protect



Composition & Physical Properties of Holcim (Water Protect) Cement:

Physical Properties	Standard Value (EN 197-1:2010)	Lab Test Result (Approx.)
Initial Setting Time (Mins)	≥ 60 (Min)	230+/- 10
Final Setting Time (Mins)	Not Specified	320+/- 10
2 Days Strength	≥ 10 MPa (1450 Psi)	≥15 MPa
7 Days Strength	Not Specified	≥28 Mpa
28 Days Strength	≥ 42.5 & ≤ 62.5	≥44 Mpa

Water repellent

Prevents rust

Offers longevity

Specification & Composition:

- BDS EN 197-1:2010, CEM II/B-M (V-S-L)
- Strength Class- 42.5N, Portland Composite Cement

Composition	Standard Value
Clinker	65 - 79%
Fly Ash, Slag & Limestone	21 - 35%
Minor Additional Constituents	0 - 5%

Application:

Holcim (Water Protect) is suitable for any types of Structural and non structural construction work.

- Foundation Concrete
- Roof Slab, Beams & Columns
- Brick Masonry
- Wall Plaster in Basement
- Bathrooms and Balconies
- Water Tanks & Water Retaining Structures
- Wall Plaster on Interior and Exterior Walls
- Ceiling Plaster
- Terrace

WHY HOLCIM WATER PROTECT IS THE BEST WATER REPELLENT CEMENT?



01 Has integral water repellent properties with water repellency at particle level.



02 Resists the permeation of water due to reduced capillary action, which makes it damp resistant and durable.



03 Reduces salt efflorescence as it restricts water transportation through concrete pores.



04 Restricts rate of flow of water through its pores hence reduces water leakage.



05 Absorbs much less water by capillary action and acts as a corrosion resistant solution.



06 Concrete made of Holcim water protect improves cohesiveness of the mix.



07 Offers long term Strength beyond 28 days which is similar to more than **7000 PSI at 90 Days.**



08 Reduces **10 to 15% Cement Consumption** for its higher strength gain properties which also saves cost.