



**NIRMAN CONCRETE**  
THE COMPLETE CONCRETE SOLUTION

# HVFAC ( Foundation )

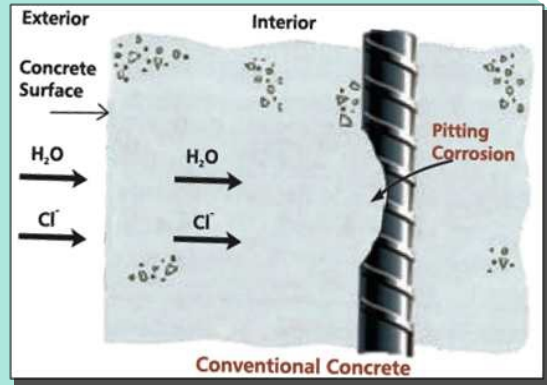


Foundations need to face the brunt of aggressive environment ; chlorides, sulphates and at times chemicals present in the subsoil may ingress into the concrete, eventually compromising its durability. Moreover, foundations get embedded in the ground and are not available for frequent inspections. Hence, ensuring their long term durability becomes critical.



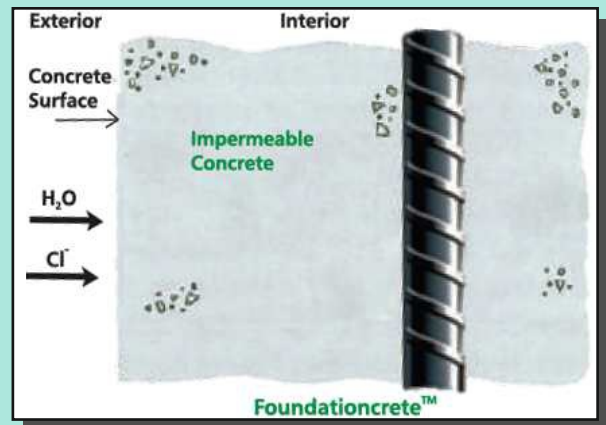
# HVFAC ( Foundation )

## Challenges



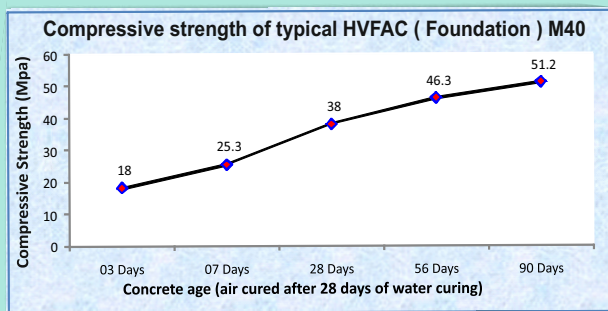
Aggressive Soil leading to Foundation deterioration ?

## Solution



HVFAC ( Foundation ) comes to the rescue...

...reducing concrete permeability and



...ensures continuous strength gain

### Key Advantages:

- Characteristics strength in 56 days and continued strength gain up to later ages.
- Superior concrete performance in Aggressive Environments.
- Low heat of hydration, mitigates cracking & enhances durability
- Enhanced plastic properties.
- Protects the Environment by minimising cement consumption through increased absorption of cementitious by-products.

### Applications

- Footings of all shapes and sizes.
- Foundations of all types.
- Underground soil supported structures.

Generally Foundation does not take the load of building in 28 days

