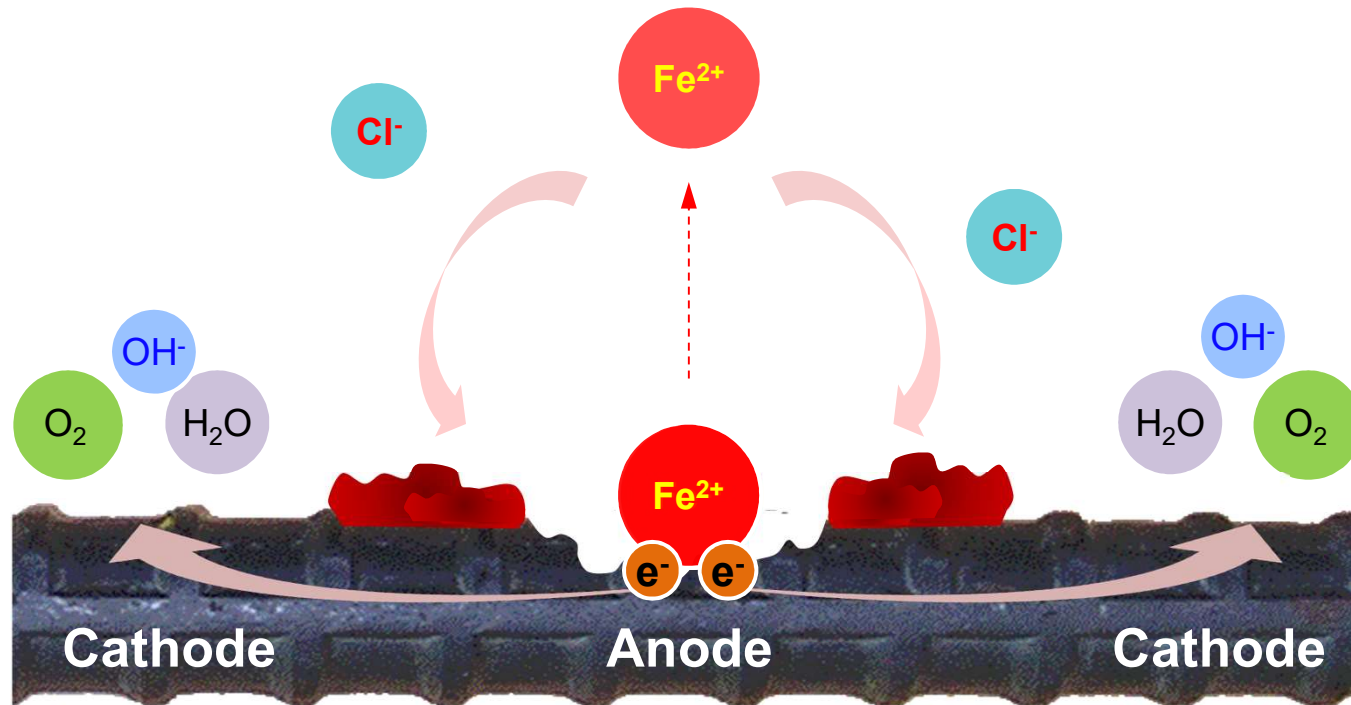


철근부식의 위험



철근 부식 Mechanism

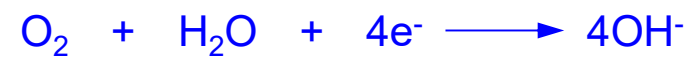
Cl⁻ acts as a corrosion catalyst!



[Anode Reaction]

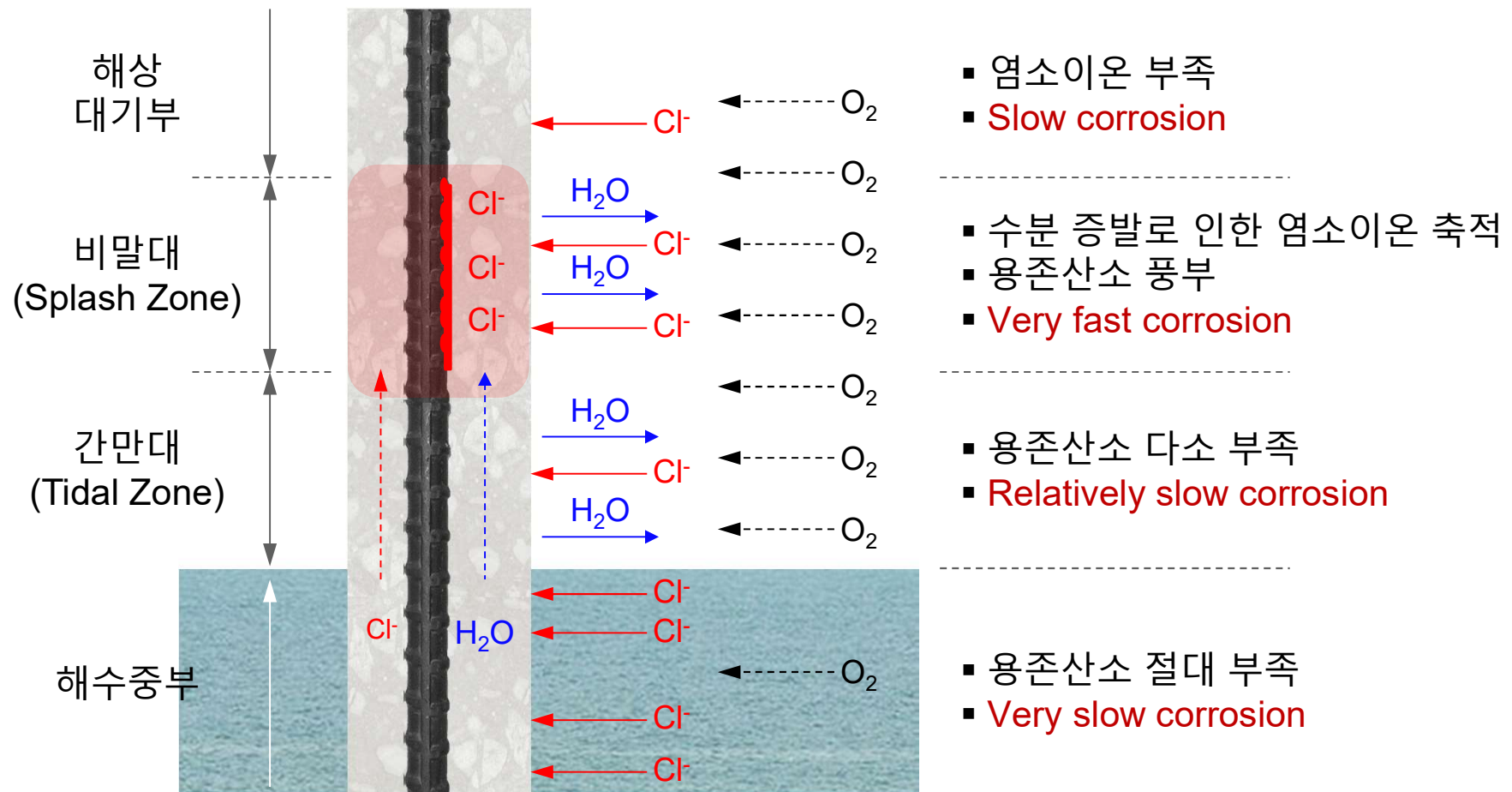


[Cathode Reaction]



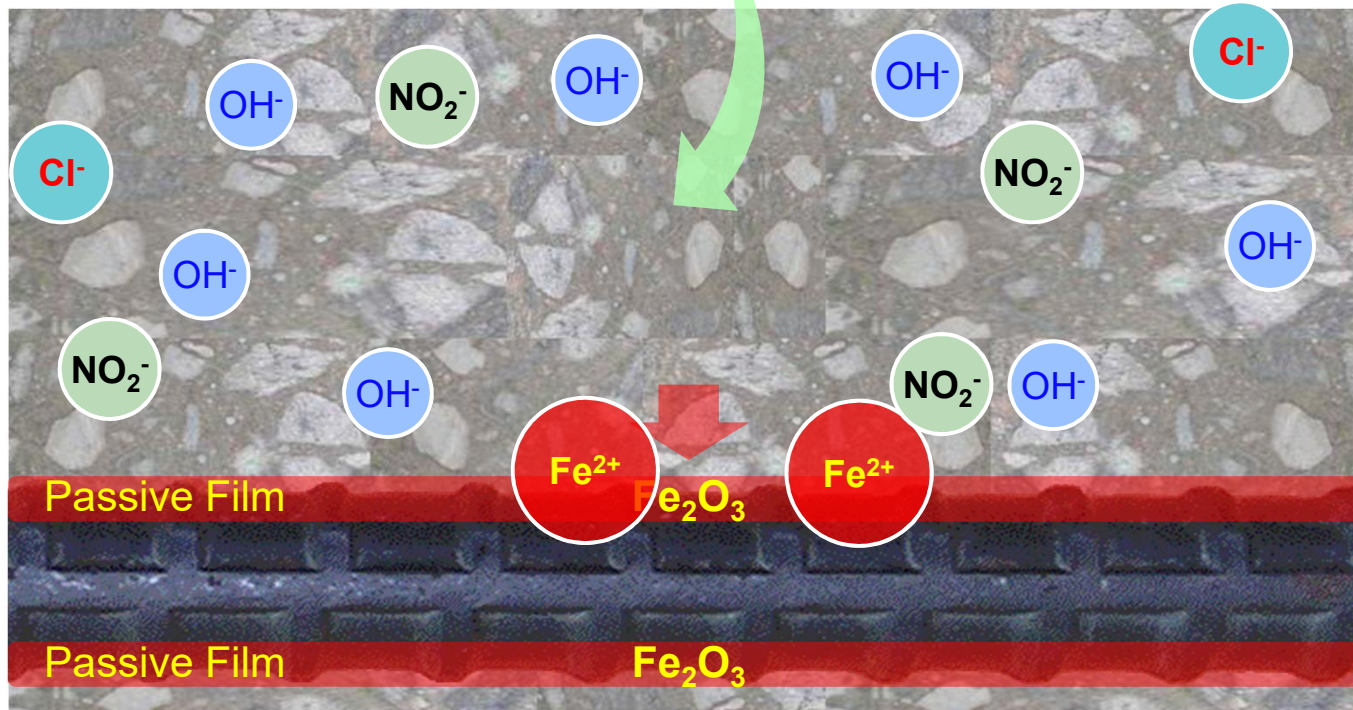
해안가 구조물의 부식 속도

염해 (철근 부식) 조건 : 염소이온 (Cl^-), 산소 (O_2), 물 (H_2O)



방청혼화제의 철근 부식 억제 Mechanism

Nitrate-based
corrosion inhibitor



부식 억제 적용 분야_ 해양 구조물

