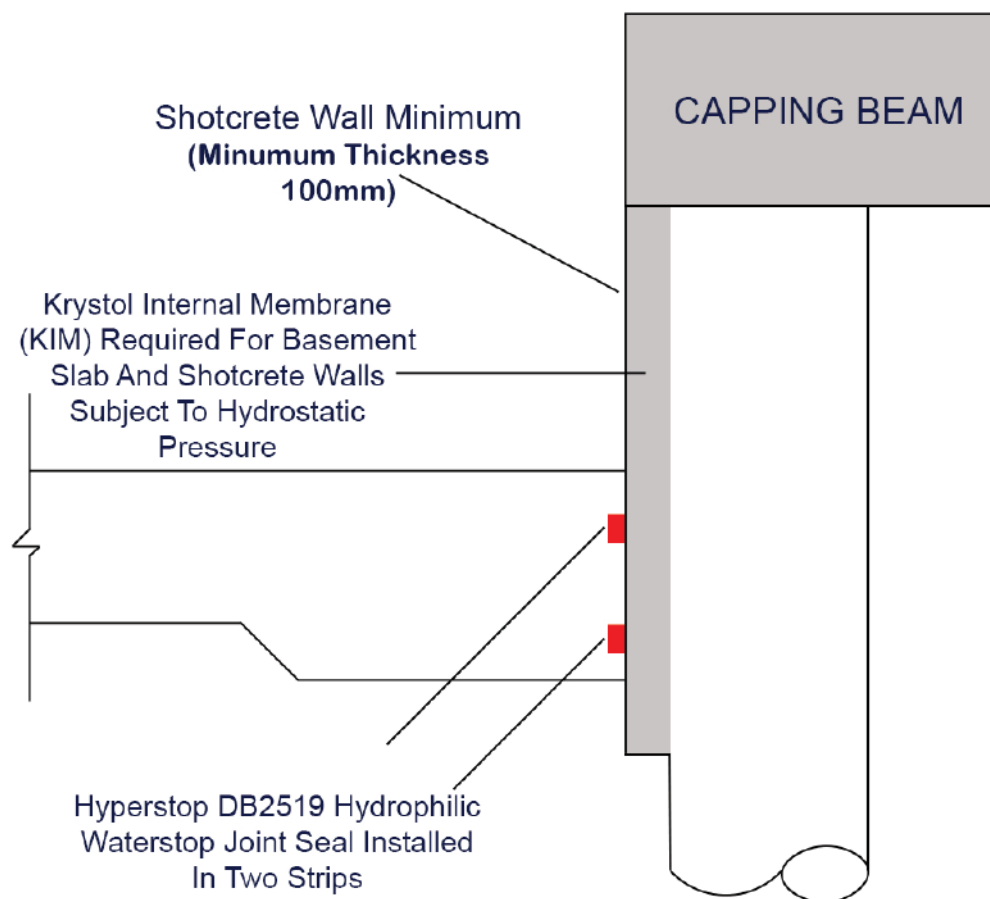




PROACTIVE SOLUTIONS

SHOTCRETE/FLOOR SLAB DUAL SYSTEM LOW WATER PRESSURE



1. KRYSTOL INTERNAL MEMBRANE (KIM) HYDROPHILIC CRYSTALLINE CONCRETE ADMIXTURE TO BE UTILISED FOR BELOW-GRADE AREAS SUCH AS LIFT PITS, SHOTCRETE WALLS, BASEMENT SLAB AND SIMILAR.
2. KRYSTOL INTERNAL MEMBRANE (KIM) WARRANTED TO AUTOGENOUS SELF-SEAL SHRINKAGE CRACKS UP TO 0.5MM IN WIDTH.
3. KRYSTOL INTERNAL MEMBRANE (KIM) SHALL IMPROVE SULPHURIC ACID RESISTANCE OF CEMENT-BASED MATERIALS BY BLOCKING CAPILLARY PORES TO REDUCE ACID PENETRATION.
4. SHOTCRETE WALLS MUST BE 100MM IN THICKNESS, AND APPLIED WITHOUT CREATING VOIDS OR COLD-JOINTS.
5. RECOMMENDED RECEIVING SURFACES FOR SHOTCRETE OVER PILES TO BE POLYFOND KIT DRAIN, OR SIMILAR NON-ABSORPTIVE DRAINAGE MATT.
6. SHOTCRETE SURFACE COMPACTION, FINISHING AND CURING MUST BE IMPLEMENTED TO MINIMISE RISK OF SHRINKAGE CRACKS.
7. IF APPLICABLE, PERIMETER REBATE TO SLABS MUST BE SPECIFIED BY THE STRUCTURAL ENGINEER.
8. DELIBERATE OR UNINTENDED CONSTRUCTION JOINTS MUST BE SMOOTH FINISHED, AND TREATED WITH HYPERSTOP DB2519 WATERSTOP.
9. MINIMUM CONCRETE COVER ON HYPERSTOP DB2519 WATERSTOP TO BE 75MM.
10. ALL WATERPROOFING SYSTEMS MUST BE UTILISED IN ACCORDANCE WITH MANUFACTURERS TECHNICAL DOCUMENTS.
11. THE FINAL DESIGN MUST BE APPROVED BY THE PROJECTS STRUCTURAL ENGINEER.

Not To Scale

Please Note: All Information Expressed In This Document Is General & Should Be Consulted By KRYFIX On A Project By Project Basis To Ensure The Advice Is Correct



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