

NEW & IMPROVED

HYDROCRETE

GREENER, CLEANER, LIGHTER & MIGHTIER.
THE PERFECT MIX.

**11.5KG
CARBON
REDUCTION
PER
BUCKET**

HYDROCRETE is a combined crystalline and hydrophobic, pore blocking concrete admixture designed to reduce permeability and water absorption in concrete structure.



**NEW
1.75KG
BAGS
45%
LIGHTER**

WHAT HAS CHANGED...

**3.84
TIMES**

LESS WATER
PERMEABILITY

**3.9
TIMES**

LESS VAPOUR
PERMEABILITY

NOW WITH
0%
CEMENT
CONTENT

45%
LESS WEIGHT

**5.4
TIMES**

MORE ACTIVE
INGREDIENT

WHAT HASN'T CHANGED...

THE
DUAL AC
TECHNOLOGY



THE
SAME SIZE
BAGS & TUBS



ONE BAG
PER CUBE OF
CONCRETE



OUR
QUALITY
GUARANTEE



THE IMPROVEMENTS EXPLAINED...

WATER PERMEABILITY

The water permeability of concrete has been shown to be 3.84 times better (less permeable) than the original HYDROCRETE.

3.84
TIMES

LESS WATER
PERMEABILITY

VAPOUR PERMEABILITY

The vapour permeability of concrete containing new HYDROCRETE is 3.9 times better than the original HYDROCRETE.

3.9
TIMES

LESS VAPOUR
PERMEABILITY

PRODUCT USAGE

HYDROCRETE is used at 1.75kg/m³ of concrete compared to 3.2kg/m³ of the old version. Hence bags and boxes of 8 units are lighter to use and transport which is good for the environment.

45%

LESS WEIGHT

COMPOSITION

HYDROCRETE contains 5.4 times more active ingredient than the original admixture.

5.4
TIMES

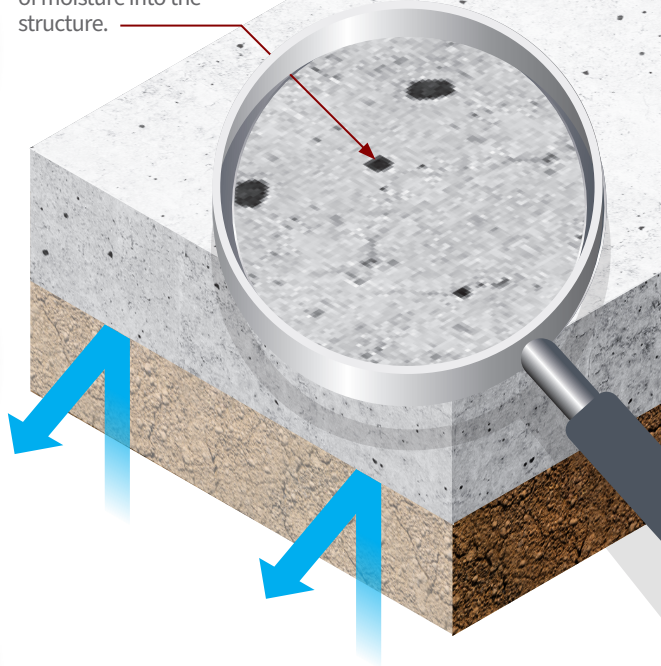
MORE ACTIVE
INGREDIENT



HYDROCRETE is manufactured in house from raw materials so we have greater control over production levels to meet demand and also product quality.



The pores and capillary structures within the concrete are sealed, as well as the entire concrete matrix active with crystalline nano-technology, preventing the passage of moisture into the structure.



THE BENEFITS

- The unique Dual-AC Technology effectively lines the pores and capillary structures of the concrete, reversing the capillary suction by blocking the capillaries when subjected to hydrostatic pressure.
- HYDROCRETE can reduce costs, since the concrete itself is the 'membrane' eliminating the need for a separate waterproofing system.
- HYDROCRETE concrete is maintenance-free.
- Reduces the risk of reinforcing steel corrosion in concrete due to it being chlorine free.
- Compatible with all Portland cements and typical admixtures and plasticisers.



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