



**EUCLID CHEMICAL**

The Euclid Chemical Company  
19215 Redwood Road  
Cleveland, OH 44110-2799  
Phone: 800-321-7628  
Fax: 216-531-9596  
[www.euclidchemical.com](http://www.euclidchemical.com)

## The HYDRAPEL SYSTEM for Water Repellent - Specified Concrete Masonry Construction

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The HYDRAPEL SYSTEM is comprised of two individual admixture types – one for use in the manufacture of concrete block, and the other is dry-blended into the masonry mortar or added to each batch at the job-site. Properly used, these additives provide resistance to wind-driven rain, capillary absorption (or “wicking”), and the unsightly occurrence of efflorescence staining.

The HYDRAPEL SYSTEM provides long-lasting protection that goes above and beyond what surface-only treatments can provide. Cement-based materials have a natural tendency to wick and transport moisture if the surface protection is breached. The HYDRAPEL SYSTEM effectively prevents moisture migration and maintains this protection for the life of the structure. HYDRAPEL MORTAR ADMIXTURE provides added bond strength (per ASTM C1072, ASTM C1314) and complies with ASTM C1384 as both a water repellent and bond-enhancing mortar admixture. When “wind-driven rain tested” per ASTM E514 (-74), the HYDRAPEL SYSTEM achieved an “E Rating” (Excellent) through 72-hours of testing.

Concrete masonry construction requires attentive design, detailing, and execution. Properly mixed mortar, and installation of flashing, weeps, and wall vents are all essential to the protection afforded by the HYDRAPEL SYSTEM. As an added line of defense, CHEMSTOP W.B. (Heavy Duty) may be applied to walls utilizing the HYDRAPEL SYSTEM. This water-based penetrating sealer provides greater protection without altering appearance.