



ECHELON™

# Continuous Moisture Protection

RainBloc® Integrated Water Repellent System



ECHELON MASONRY + AMERIMIX MORTAR  
powered by RainBloc technology



# Protect your Buildings from the Test of Time and Moisture

Mold. Efflorescence. Rot. Deterioration. If moisture penetrates your concrete masonry walls, it can jeopardize the longevity and beauty of your design. Integrate enduring protection into your projects, with RainBloc®.

The RainBloc System provides continuous moisture protection with fully integrated water repellency technologies — factory engineered into both the masonry and mortar. This forms a continuous shield against wind-driven rain for the life of the building, without impacting aesthetics or installation ease. It's easy to source, easy to verify and as easy to install as traditional architectural block or veneer and mortar. Plus, it's available from Echelon™, the masonry portfolio of Oldcastle® Architectural, the name you already know and trust for all of your masonry needs.

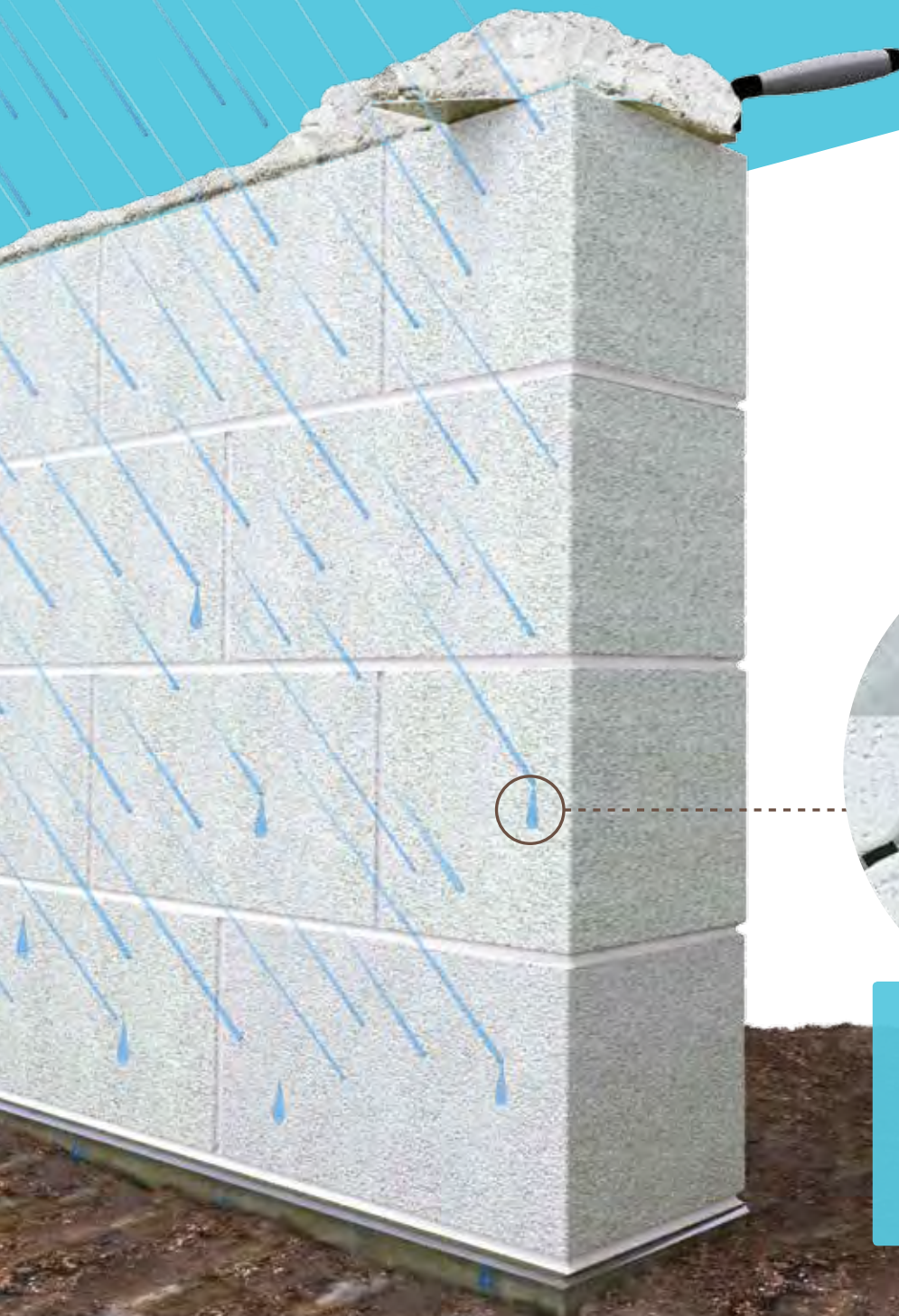


## TRULY INVISIBLE TECHNOLOGY

The RainBloc System has no impact on aesthetics. In fact, it actually protects against efflorescence that can mar the look of masonry.

# ONE SYSTEM: TOTAL MOISTURE PROTECTION

The RainBloc® System offers a significant reduction of moisture migration through the block and mortar, and provides lasting protection against mold and efflorescence.†



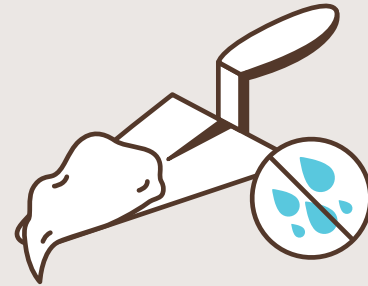
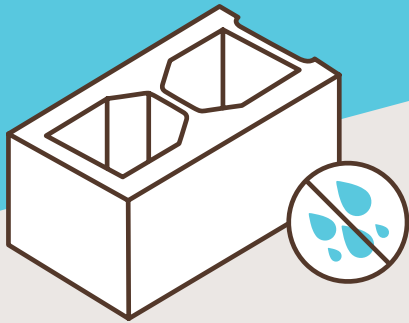
## HOW IT WORKS:

RainBloc patented water repellent technology is a two-part system that is integrated into both the block and mortar, creating a continuous protection system that's delivered to your site, ready to go.



RainBloc bonds to the capillary pores of the CMU and mortar inhibiting water from migrating through the block.

# Complete water repellent system



## **ECHELON CMUs WITH RAINBLOC**

**RainBloc technology is added to each CMU during the manufacturing process**, assuring moisture resistance is an integral part of the block—so it won't chip, wash or wear off for the life of the product. RainBloc bonds to the capillary pores of the cured material to inhibit moisture from migrating through the block. Instead, moisture drains toward flashing and weep holes.

**RAINBLOC CAN BE INTEGRATED INTO ECHELON'S COMPLETE OFFERING OF CMUs INCLUDING TRENWYTH® MASONRY BLOCK AND QUIK-BRIK® MASONRY UNITS.**

## **AMERIMIX MORTAR WITH RAINBLOC GP**

**RainBloc GP is audited, measured and factory blended to assure a consistent water repellent mortar.** It meets or exceeds all upload requirements of ASTM C1384: Standard Specification for Admixtures for Masonry Mortars and is available in 80 lb. or 3,000 lb. bulk bags (to be used with the Amerimix Silo Dispensing System).

**Confidence from day one:**

**RAINBLOC GP TRACEABLE TECHNOLOGY ASSURES YOUR PROJECT IS "INSTALLED AS SPECIFIED."**

RainBloc GP from Amerimix is the only mortar solution that offers a patented formulation with a tracer component, allowing you to easily verify that the mortar you spec is the mortar that's used—even after the mortar has hardened—helping assure total quality compliance. It's added peace of mind for both architects and building owners, and only Amerimix offers it.

# THE RAINBLOC SYSTEM

## **FULLY INTEGRATED MOISTURE MANAGEMENT**

**Quality control. Integrated and ready-to-use. With RainBloc, you don't have to question whether the job was done right. Computerized factory batching of the water repellent agents in both the block and the mortar means no user error—delivering a level of precision you can trust and better end results for your project.**



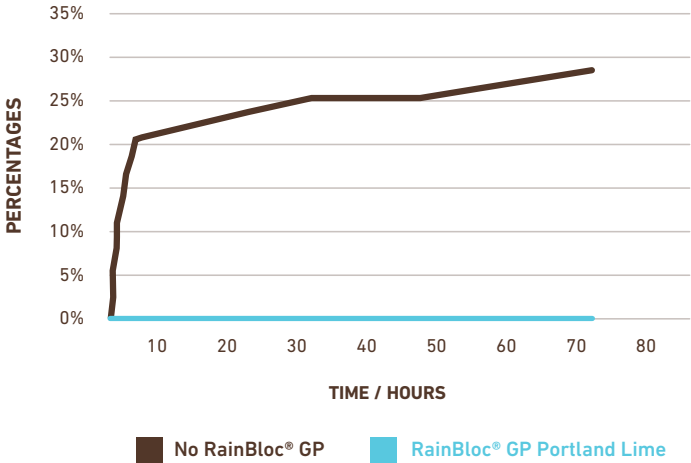
## **YOUR MASONS WILL NEVER KNOW THE DIFFERENCE**

RainBloc GP is engineered to be "invisible" to the professional installer, arriving onsite, preblended into the Amerimix mortar while still offering the workability, board life and application bond that masons prefer. You get full moisture protection without additional steps.

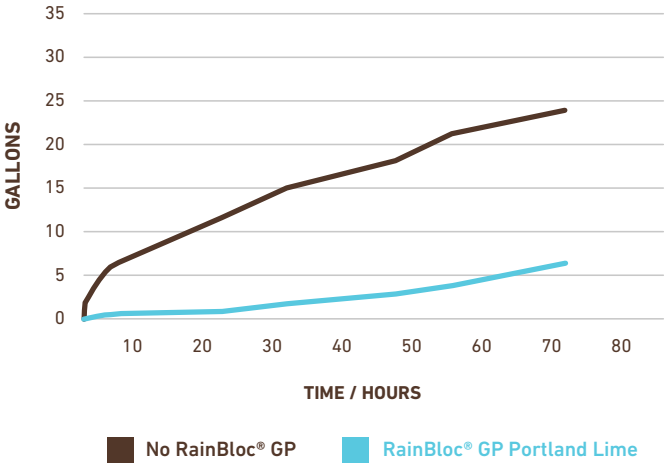
# Standard wind-driven rain testing runs for 4 hours. We ran ours for 72.

Simulated tests generating 5.5 hours of rain per day at 62.5 mph showed that walls built with the RainBloc System experienced ZERO dampness on the back of the block face. This type of performance earns the RainBloc wall assembly system an "E" for excellent rating from the National Concrete Masonry Association.<sup>2</sup>

**DAMPNESS ON BACK FACE<sup>2</sup>**  
SET AVERAGES

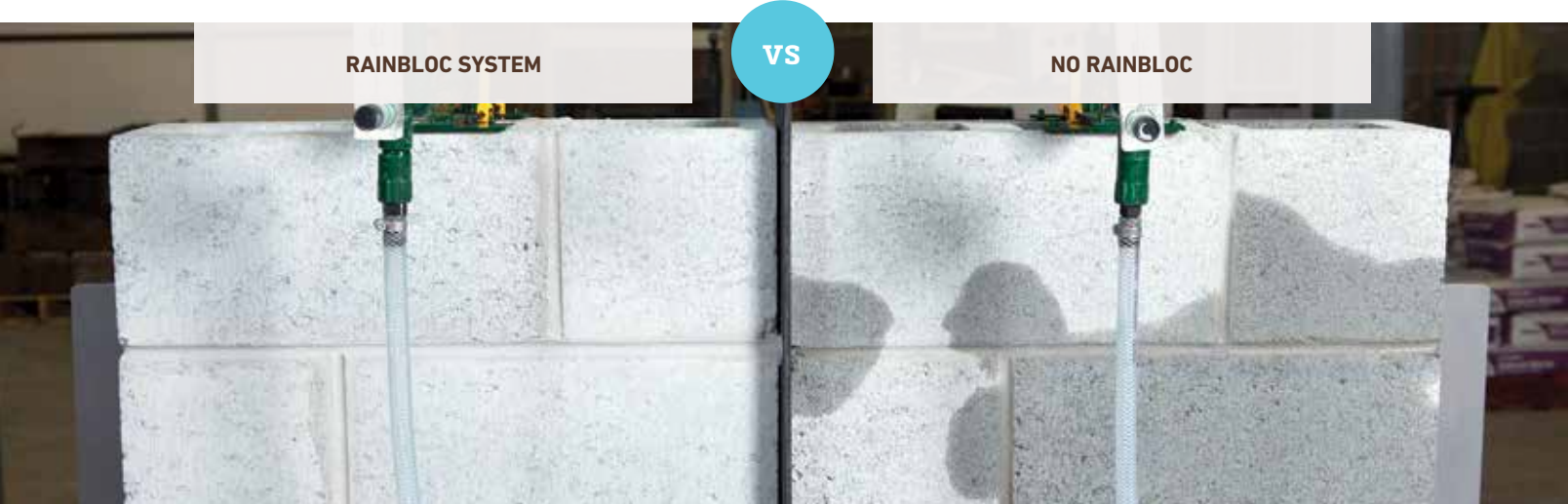


**CUMULATIVE WATER COLLECTING ON LOWER FLASHING<sup>2</sup>**  
SET AVERAGES



**A SPRAY BAR APPLIED EQUAL AMOUNTS OF WATER TO THE FRONT OF CMU WALLS WITH AND WITHOUT THE RAINBLOC SYSTEM.**

(Back of wall shown below)



Water began to penetrate the untreated wall in less than 5 minutes, leaking into the wall cavity after 10 minutes.



## ONE SOURCE: ECHELON SUPPORT.

As the leading supplier of masonry products for North America's building and construction markets, Echelon Masonry is known for delivering unparalleled attention to every detail—from critical quality control standards to essential support on site, from national delivery to unmatched selection. When you add RainBloc and RainBloc GP to your Echelon Masonry and Amerimix Mortar, you get a comprehensive moisture management system from a single source—and all from a manufacturer you already know and trust.



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<sup>1</sup> When used in conjunction with proper drainage, weep holes, vents, flashing and other critical waterproof design requirements.  
<sup>2</sup> Laboratory tested by the National Concrete Masonry Association using ASTM E514 testing methodology.

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