

# Water Repellent System for Concrete Masonry

Rainbloc® Water Repellent System Protects Concrete Masonry Walls from Wind-Driven Rain and Moisture Penetration



# The RainBloc System includes integral water repellent and mortar additives for Architectural Concrete Masonry Units (CMU) and mortar

- Individual masonry units have RainBloc integral water repellent added during manufacture
- RainBloc for Mortar is added to mortar at the jobsite

#### **RainBloc System Benefits**

- Increase resistance to wind-driven rain and moisture penetration
- Reduce efflorescence
- Annual certification program for approved producers to ensure performance

#### RainBloc System Support for Certified Producers includes:

- AIA CES aproved presentation "Designing for Moisture Protection in Masonry Walls"
- Technical Bulletins to educate customers, installers and specifiers on water repellevnt masonry advantages
- Downloadable specifications for Architects
- 1/2 to 2-day Concrete Technology training courses at your location or Norcross, GA
- Expert technical support on mix design, production, testing, building performance and more from experienced and knowledgeable industry leaders

#### **RainBloc Certified Producer**

RainBloc Certified producers undergo rigorous yearly qualification testing to ensure that water repellency performance is maintained Specifiers and Designers can be confident that Rainbloc® Certified CMU will perform as specified.



# RainBloc Performance

RainBloc Certified producers undergo rigorous yearly qualification testing to ensure that water repellency performance is maintained Specifiers and Designers can be confident that Rainbloc Certified CMU will perform as specified.



Untreated Wall after ASTM E514 Test



RainBloc System Treated Wall after ASTM E514 Test

## **ASTM E514 Testing**

- Independent testing conducted by NCMA research and Development Laboratory
- Aggressive standard exposes test walls to simulated wind-driven rain
- RainBloc achieved Class E or excellent rating for wind-driven rain resistance- the highest rating possible



### **Rainbloc for Mortar**

- Increase mortar resistance to ingress and wind-driven rain
- Add at the construction site, side panel has volume indicators for easy and accurate measuring
- Meets or exceeds performance requirements for high quality mortar in ASTM E514 and ASTM C1384



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