

# ECO Smart (Recycled) CMU Specifications

The following are general guidelines only, and must be verified with individual project and manufacturer specifications. Nitterhouse follows the standards set forth by the National Concrete Masonry Association [www.NCMA.org](http://www.NCMA.org)

## Part 1 - General

PRODUCT NAME-

Architectural Concrete Masonry Units required-

### **ECO Smart – ELITE Recycled Architectural CMU's**

MATERIAL CONTENT

**Manufactured concrete sand, Natural stone aggregates, 30% recycled content (pre-consumer) Type I/II cement, potable water.**

MANUFACTURER

**Nitterhouse Masonry Products, LLC**

**(717) 267-4500**

**P. O. Box 692**

**859 Cleveland Avenue**

**Chambersburg, PA 17201**

SUBMITTAL

Submit color samples for selection from manufacturer's Color Selection Kit. Submit product literature, certifications, and test reports, full size sample(s) of each color specified.

QUALITY ASSURANCE

Certifications: All load-bearing CMU comply with ASTM C90. All non-load-bearing units comply with C129. All aggregates conform to ASTM C33. All sampling and testing shall be according to ASTM C140. All units shall conform to ASTM C744-11 requirements.

Field Constructed Mock-ups: Construct a sample panel, no less than 4' X 4' of units of each color and size to be used in the project.

DELIVERY, STORAGE & HANDLING

All CMU shall be delivered to the jobsite on stretch-wrapped wooden pallets. Store pallets in single stacks on level ground and cover with waterproof covering (e.g. tarpaulins) to protect the blocks from inclement weather. Handle blocks carefully to avoid breakage and damage to the finished surfaces.

## Part 2 - Products

FINISHES

Finish required: Specify ECO Smart CMU's to be -

**Split Face, Antique Face, Ground Face, ELITE** (filled & polished then sealed with an acrylic sealer.)

SIZES AND SHAPES

Exact sizes and shapes required -

Specify if finished ends, scores, and chamfers are required.

Standard finish dimensions – 7 5/8" x 15 5/8" typical

Bed depth sizes nominal – 4", 6", 8", 10", & 12".

SEALERS

All ground face CMU's are factory sealed with a VOC compliant water based acrylic resin sealer. It is

Nitterhouse Architectural Concrete Masonry Units, properly installed and cleaned, need very little, if any future maintenance. Graffiti, paint, or stains might require the use of special cleaning agents. Contact Nitterhouse of specific cleaning recommendations.