

Product Data Sheet

Product Name

Ground Face Concrete Masonry Unit

Manufacturer

Cind-R-Lite Block Company
4745 Mitchell St,
North Las Vegas, NV 89081
Phone: (702) 651-1550
Fax: (702) 651-1551
www.cind-r-lite.com

PART 1 - GENERAL

SUBMITTAL

Submit color samples for selection from manufacturer's offering. Submit product data sheet and sample(s) of each color specified.

QUALITY ASSURANCE

Block manufactured shall conform to the finish requirements of ASTM C90-08.

Cind-r-lite products offer high thermal mass properties, regional materials and low life-cycle costs, mold resistance and will last the life of the building. No VOC's. Available in a wide color selection. In addition, custom colors can also be provided.

FIRE RESISTANCE

Please refer to NCMA ETEK notes, for hourly ratings requirement. www.ncma.com

FIELD CONSTRUCTION MOCK-UPS

Construct a sample panel of each color to be used on the project. Wall should be no less than 4' x 4'.

Cind-R-lite suggests using full size units to give proper representation of product. Sample wall should be installed prior to any installation of

Cind-R-lite products. Either the owner or architect must approve the panel.

DELIVERY, STORAGE AND HANDLING

CMU (concrete masonry units) shall be delivered to the jobsite. Store pallets in single stacks on level ground and cover with waterproof covering to protect the blocks from inclement weather. Handle blocks carefully to avoid breakage and damage to the finished surfaces.

PROJECT/SITE CONDITIONS

Protection of Work: Cover walls each day after installation to keep open walls protected and dry. After units are installed, they should be protected from damage by other trades performing operations that can stain the finished surfaces by covering walls.

PART 2 - PRODUCTS

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RELATED MATERIALS

Consult the manufacturer for mortar type, colors, and specifications.

SIZES AND SHAPES

- 4", 6", 8" 10", 12", and 16" widths
- 4", 6" and 8" high, 16" long units
- Half units available



High-strength units to meet special structural requirements are also available.

PART 3 - EXECUTION

LAYING MASONRY WALLS

When installing pull blocks from more than one pallet at a time during installation. Refer to NCMA TEK notes for Hot and Cold Weather construction practices. www.ncma.org

Lay units using the best concrete masonry practices. Lay blocks with faces level, plumb and true to the line strung horizontally at the finished face. Units shall have uniform, 3/8" wide joints both horizontally and vertically on the finished side of the wall. Tool joints neatly after they are thumb print hard. Make them straight and uniform. Size and place cut pieces appropriately to maintain consistency and bond. Complete masonry construction using procedures and workmanship consistent with the best masonry practices.

INSTALLATION

Lighting: Provide adequate lighting for masonry work by placing all lighting at a reasonable distance from the wall for even illumination. Do not use direct lighting.

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Cutting: Make all unit cuts, including those for bonding, holes, and boxes, etc., with motor-driven

masonry saws, using either an abrasive or diamond blade. Cut neatly and locate for best appearance.

MORTAR BEDDING AND JOINTING

1. Lay units with full mortar coverage on head and bed joints taking care not to block cores to be grouted or filled with masonry installation.
2. Tool and mortar joints when thumbprint hard into a concave configuration.
3. Care should be taken to remove mortar from the face of masonry units before it sets.
4. Tuckpoint the joints for proper appearance.

FLASHING OF MASONRY WORK
Install flashing at locations shown in the plans and in accordance with the best masonry flashing practices.

WEEP HOLES AND VENTS
Install weep holes and vents at proper intervals at courses above grade and at any water stops over windows, doors, and beams.

INSPECTION

The textured faces shall conform to the requirements of ASTM C90 when viewed from a distance of twenty (20) feet to the wall.

CLEANING

Keep walls daily during installation using brushes. Do not allow excess mortar to harden on the finished surface.

Do not high-pressure wash. This may cause efflorescence.

MAINTENANCE

When properly installed, Cind-R-lite CMU (Concrete Masonry Unit) need virtually no maintenance other than routine cleaning.

LIMITATIONS

- Face of block is not intended for use as a impervious surface
- Integral water repellents is recommended with Cind-R-lite CMU (Concrete Masonry Units)

LIMITED PRODUCT WARRANTY

The manufacturer warrants that this product shall be of merchantable quality when used or applied in accordance with local building codes and best concrete masonry practices. This product is not warranted as suitable for any purpose other than the general purpose for which it is intended. This warranty runs for one (1) year from the date the product was purchased. ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE ON THIS PRODUCT IS LIMITED TO THE DURATION OF THIS WARRANTY. Liability under this warranty is limited to replacement of defective product or, at the manufacturer's option, refund of the purchase price. CONSEQUENTIAL AND INCIDENTAL DAMAGES ARE NOT RECOVERABLE UNDER THIS WARRANTY.