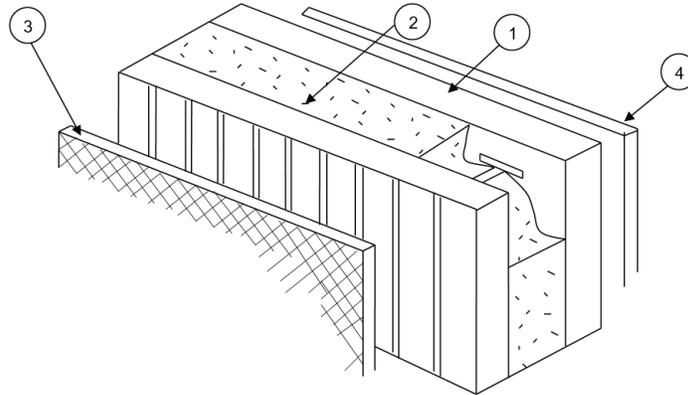

Micro Technologies, LLC
Design No. MTL/ICF 240-01
Load Bearing and Non-load Bearing Fire Resistance Rated Wall Assemblies
Celblox® Insulating Concrete Forms (ICF)
ASTM E119
Max. Load 3,500 lb. per lineal ft., 10 ft. Wall Height
Rating: 4 Hour



1. CERTIFIED MANUFACTURER: Micro Technologies, LLC

CERTIFIED PRODUCT: Celblox® Insulating Concrete Forms (ICF)

CERTIFIED MODEL: Celblox® Insulating Concrete Forms (ICF), in sizes 8 in., 10 in., or 12 in., consist of two expanded polystyrene (EPS) foam plastic panels connected with multi-part cross tie assemblies. Cross ties are placed 8 in. on center (oc).

2. CONCRETE: Cavity filled with 28-day compressive strength of 3,000 psi (20.7 MPA) concrete with density of 165 pcf. Reinforced with min. No. 4 steel reinforcement bars,

spaced 16 in. (406 mm) oc vertically and horizontally and located at center of cavity, unless other Code provisions require more restrictive reinforcement.

3. INTERIOR: 5/8 in. (15.9 mm) gypsum wall board complying with ASTM C36 or ASTM C1396, attached with Type S 1-5/8 in. drywall screws spaced 12 in. oc. Gypsum wallboard joints must be taped and filled with joint compound in accordance with GA-216 or ASTM C 840.

4. EXTERIOR: 1/4 in. Hardibacker board applied with Type S 1-5/8 in. drywall screws spaced 16 in. oc.