

**Certification of Compliance
Fire Ratings for Concrete Masonry Units
National Block Company
Westland, MI 48185**

Date:
 CMU Manufacturer: **National Block Company**
 Plant Location: **Westland, MI 48185**
 Project:
 Architect:
 General Contractor:
 Mason Contractor:

Type of Materials	Percentage Of Each Aggregate
Witelite Pumice	41%
Expanded Shale, Clay	0%
Bottom Ash	0%
Concrete Sand	46%
Course Sand	0%
Limestone Screens	0%
Limestone Rock	13%
Granite, Gravel Screens	0%
Other Calcareous	0%
	100%

Under the provisions of ACI 216.1, Chapter 3, the concrete masonry units produced for the above referenced project will qualify for the following fire ratings providing they meet or exceed the equivalent thicknesses listed below:

1 Hour	2.5	3 Hour	4.7
2 Hour	3.80	4 Hour	5.5

National Block Company certifies (see attached ASTM C-140) the CMU for this project has an equivalent thickness (in inches) of:

To whom it may concern:

National Block Company hereby certifies that the concrete masonry units manufactured for the project listed above will meet or exceed the fire rating requirements where specified. The block CMU been tested per ASTM E-119 or qualifies using ACI 216.1, Chapter 3 provisions.

Very truly yours,

**National Block Company
 39000 Ford Rd
 Westland, MI 48185**