



Protection is a concrete idea.



CBIS/Korfil HI-R CMU Fire Ratings

Type of Aggregate Used In CMU's	HI-R 8 x 8 x 16 3.86	HI-R 10 x 8 x 16 4.31	HI-R 12 x 8 16 4.91
Calcareous or Siliceous Gravel	1 3/4 Hr Rating	2.0 Hr Rating	2 5/8 Hr Rating
Limestone, Cinders, or Unexpanded Slag	1 7/8 Hr Rating	2 1/4 Hr Rating	2 7/8 Hr Rating
Expanded Clay, Shale, or Slate	2 1/4 Hr Rating	2 7/8 Hr Rating	3 3/4 Hr Rating
Expanded Slag or Pumice	2 3/4 Hr Rating	3 3/8 Hr Rating	4.0+ Hr Rating

Type of Aggregate Used In CMU's	1/2 HI-R 8 x 4 x 16 3.95	1/2 HI-R 10 x 4 x 16 4.48	1/2 HI-R 12 x 4 16 5.17
Calcareous or Siliceous Gravel	1 3/4 Hr Rating	2 1/4 Hr Rating	2 7/8 Hr Rating
Limestone, Cinders, or Unexpanded Slag	2.0 Hr Rating	2 1/2 Hr Rating	3 1/4 Hr Rating
Expanded Clay, Shale, or Slate	2 1/2 Hr Rating	3.0 Hr Rating	4.0 Hr Rating
Expanded Slag or Pumice	3.0 Hr Rating	3 1/2 Hr Rating	4.0+ Hr Rating

Type of Aggregate Used In CMU's	HI-R-H 8 x 8 x 16 3.95	HI-R-H 10 x 8 x 16 4.48	HI-R-H 12 x 8 16 5.17
Calcareous or Siliceous Gravel	1 3/4 Hr Rating	2 1/4 Hr Rating	2 7/8 Hr Rating
Limestone, Cinders, or Unexpanded Slag	2.0 Hr Rating	2 1/2 Hr Rating	3 1/4 Hr Rating
Expanded Clay, Shale, or Slate	2 1/2 Hr Rating	3.0 Hr Rating	4.0 Hr Rating
Expanded Slag or Pumice	3.0 Hr Rating	3 1/2 Hr Rating	4.0+ Hr Rating

REFERENCES: National Concrete Masonry Association TEK 7-1C Fire Resistance Ratings of Concrete Masonry Assemblies

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