

BLPR.R4339 - Cementitious Cement and Plaster Mixtures

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See General Information for Cementitious Cement and Plaster Mixtures

GCP APPLIED TECHNOLOGIES INC

R4339

FIRE OPERATING UNIT
62 WHITTEMORE AVE
CAMBRIDGE, MA 02140 USA

Cementitious mixtures applied to inorganic reinforced cement board and/or foamed plastic.

Applied To Inorganic Reinforced Cement Board

	MK-4	MK-5	RG	Type 105	KM-106
Flame Spread	10	10	0	0	0
Smoke Developed	0	0	0	0	0

	Z-3306G	MK-6/HY or MK-6/HB or MK-10/HB or MK-10/HB ES or MK-6/HY ES	Z-106/HY	MK-6 GF or MK-6 GF Extended Set	MK-6s or Z-106G or MK-1000/HB or MK-1000/HB Extended Set	AK-1
Flame Spread	0	0	0	0	0	0
Smoke Developed	0	0	0	0	0	0

	Type 105	Type Z-106	Type KM-601	Type Z-146, Z-146 NPP, Z-146PC, Z-146T, Z-156, Z-156PC, Z-156T	Monokote Acoustic 1	Monokote Acoustic 5	Monokote Acoustic 35
Flame spread	0	0	0	0	0	0	0
Smoke developed	0	0	0	0	0	0	0

**Applied to Inorganic Reinforced
Cement Board
in a Max Thk of 1 In.
Type Z-3300TB+, ++**

Flame Spread	5
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Smoke Developed	0
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**Applied to Inorganic Reinforced Cement Board
In a Max Thk of 1/2 in. Type Z-Accoustical Plaster**

Flame Spread	0
Smoke Developed	0

+ FOR SURFACE BURNING CHARACTERISTICS APPLIED OVER FOAMED PLASTIC, SEE CLASSIFICATION MARKING OF UNDERWRITERS LABORATORIES INC. ON PRODUCT OR CARTON.

++ Systems utilizing cementitious mixture covering over 2 in. thickness of foamed plastic, fire tested in accordance with the International Conference of Building Officials Research Committee Acceptance Criteria for Foam Plastics under Section 1717 (b) of the 1976 Uniform Building Code.

**Applied Over 2 In.
Thk Foamed Plastic†
In. a Min Thkns
of 1/2 In.
Type Z-3300TB††**

Flame spread	10
Smoke developed	0

* A Foamed plastic formed by the simultaneous spraying of two liquid components (CPR-485, Component "A" and CPR-485, Component "B") as manufactured by The Upjohn Company, CPR Division. This foamed plastic has values of Over 200 for flame spread, 15 for fuel contributed and Over 500 for smoke developed.

* A1 Systems utilizing 3/4 in. thick cementitious mixture covering over 2 in. thickness of foamed plastic, fire tested in accordance with the Uniform Building Code Standard 26-3.

**Applied Over 2 In.
Thk Foamed Plastic *
In. a Min Thkns of 1/2 in.
Type Z3300TB***

Flame spread	5
Smoke developed	0

* Foamed plastic in the form of boards identified as Type B and manufactured by GCP Applied Technologies Inc. and bearing the Fire Hazard Classification Marking of Underwriters Laboratories Inc. The 2 in. thickness of foamed plastic exhibited values of 5 for flame spread, not determinable for fuel contributed, and 40 for smoke developed, while material remained in original test position; ignition of molten residue on the furnace floor resulted in flame travel equivalent to calculated Flame Spread Classification of 100 and Smoke Developed Classification of Over 500.

** A system utilizing 1/2 in. thickness of cementitious mixture covering 2 in. thickness of foamed plastic, thickness of foamed plastic.

**FOR SURFACE BURNING CHARACTERISTICS SEE CLASSIFICATION MARK
OF UL ON PRODUCT OR CARTON**

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