

UNDERWRITERS LABORATORIES INC.

NORTHBROOK, IL • MELVILLE, NY • SANTA CLARA, CA • RESEARCH TRIANGLE PARK, NC

CERT. AFM-3

an independent, not-for-profit organization testing for public safety

The manufacturer whose name appears below is qualified under the Classification Service of Underwriters Laboratories Inc. as furnishing BUILDING UNITS in the form of BUILDING PANELS CLASSIFIED AS SHOWN BELOW. This manufacturer is therefore authorized to issue this certificate for the bulk shipment of material described below as its representation that such material is manufactured in compliance with the requirements established by Underwriters Laboratories Inc. for this class of product.

File: R12389

Material: R-Control® SIP (Structural Insulated Panel)

Manufactured by:

Plant ID:

a participating plant in AFM Corporation.

NOTE: To determine that panels received are Classified, make sure each panel is marked: See Cert. AFM-3



UNDERWRITERS LABORATORIES INC.®
CLASSIFIED BUILDING UNITS
SURFACE BURNING CHARACTERISTICS
(37S6)

	Core Material Values at 5" Max. # Thickness	Finished Product +		
		Interior Surface*	Interior Surface**	Exterior Surface***
Flame Spread	20##	5	10	130-160
Smoke Developed	150-300##	10-35	0	95-190

+ Panels may bear Certificate Marking up to a maximum thickness of 12 7/8".

Core material tested in thicknesses up to 5".

Flame spread and smoke developed recorded while material remained in the original test position. Ignition of molten residue on the furnace floor resulted in flame travel equivalent to calculated spread index of 180 and smoke developed index of over 500.

* Tested as applied with Blazeguard® A coating.

** Tested as faced with 1/2" gypsum wallboard.

*** Tested as faced with 3/8" cedar plywood, mechanically installed such that plywood joints are offset from panel joints.

ALSO
CLASSIFIED BUILDING UNITS
FIRE RESISTANCE CLASSIFICATIONS
SEE UL FIRE RESISTANCE DIRECTORY

Manufacturer's statement: "These numerical flame spread and smoke ratings are not intended to reflect hazards presented by this material under actual fire conditions."

R-Control® is a registered trademark of AFM Corporation. Blazeguard® is a registered trademark of Barrier Technology Corp. 04/04