

CERTIFICATE OF COMPLIANCE

Certificate Number 20180625-R4339
Report Reference R4339
Issue Date 2018-June-25

Issued to: GCP Applied Technologies Inc.
Fire Operating Unit
62 Whittemore Ave
Cambridge, MA 02

Manufacturer: Arabian Vermiculite Industries
PO Box 7137
Dammam 31462 Saudi Arabia

This is to certify that Spray-applied Fire-resistive Materials
representative samples of

Have been investigated by UL in accordance with the Standard(s)
indicated on this Certificate.

Standard(s) for Safety: ANSI/UL 263, "Fire Tests of Building Construction and Materials."
ANSI/UL 1709, "Rapid Rise Fire Tests of Protection Materials for
Structural Steel."

Additional Information: See the UL Online Certifications Directory at
www.ul.com/database for additional information

Only those products bearing the UL Certification Mark should be considered as being covered by UL's
Certification and Follow-Up Service.

Look for the UL Certification Mark on the product.

See addendum pages 2-4.



Bruce Mahrenholz, Director North American Certification Program

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This is to certify that representative samples of the product as specified on this certificate were tested according to the current UL requirements.

Types MK-6/HY, MK-6/HY Extended Set Spray-Applied Fire Resistive Materials For Use In Design Nos. D739, D744, D779, D780, D782, D798, D917, D925, D976, D977, D985, D993, J701, J704, J705, J709, J712, N706, N708, N736, N777, N782, N852, N854, N863, P714, P725, P732, P733, P740, P753, P921, P936, S728, S734, S735, S736, S749, S750, X771, X772, X791, X854, Y715.

Type MK-6/HB Spray-Applied Fire Resistive Material for use in Design Nos. D739, D743, D744, D779, D780, D782, D798, D925, D985, D993, J709, J712, J957, N706, N708, N736, N777, N779, N782, N789, N852, N854, N863, P714, P725, P732, P733, P753, P936, S715, S728, S734, S735, S749, S750, X772, X854, Y710, Y715.

Type MK-6s Spray-Applied Fire Resistive Material For Use In Design Nos. D739, D744, D779, D780, D782, D798, D917, D925, D985, D993, J701, J704, J705, J709, J712, N706, N708, N736, N777, N782, N852, N854, N863, P714, P725, P732, P733, P740, P753, P921, P936, S728, S734, S735, S736, S749, S750, X771, X772, X791, X854, Y715.

Types MK-6 GF, MK-6 GF Extended Set Spray-Applied Fire Resistive Material for use in

Beam, Design Nos. N736, N777, N779, N782, N852, N854, N863, S728, S734, S735, S749, S750 and
Column, Design Nos. X854, Y710, Y715 and

Floor-Ceiling, Design Nos. D779, D798, D925, D985, J701 and

Roof-Ceiling, Design No. P732, P753.

Types MK-1000/HB and MK-1000/HB Extended Set Spray-Applied Fire Resistive material for use in:

Beam, Design Nos. N736, N777, N779, N782, N852, N854, S728, S734, S735, S749, S750 and

Column, Design Nos. Y710, Y715 and

Floor-Ceiling, Design Nos. D779, D798, D925, D985, J701, J712 and

Roof-Ceiling, Design No. P732, P753.

Type SK-3 Spray-Applied Fire Resistive Material For Use In Design Nos: D739, P732, P753, S728, S749.

Type Z-106 Spray-Applied Fire Resistive Material For Use In Design Nos: D744, D760, D779, D780, D782, D798, D925, D985, J701, J704, J712, N736, N777, N782, N852, N854, P725, P732, P733, P740, P753, P921, S728, S734, S735, S736, S749, S750, X772, X791, X854, Y724, X794.



Bruce Mahrenholz, Director North American Certification Program

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Type Z-106/HY Spray-Applied Fire Resistive Material For Use In Design Nos: D744, D760, D779, D780, D782, D798, D925, D985, J701, J704, J712, N736, S749, N777, P725, P732, P733, P740, P753, P921, S728, S734, S735, S736, X772, X791, X794, X854, Y724.

Type Z-146 Spray-Applied Fire Resistive Material Investigated For Exterior Use In Design Nos: D779, D782, D798, D925, D985, J712, N736, N782, N852, N854, P725, P732, P733, P740, P753, P921, S734, S735, S749, S750, X791.

Types Z-146, Z-146PC, Z-146T, Z156, Z-156PC and Z-156T Spray-Applied Fire Resistive Materials Investigated For Exterior Use In Design Nos. X795, XR711, XR715, and XR718.

Types Z-146, Z-146T, Z-156 and Z-156T Spray-Applied Fire Resistive Materials investigated for exterior use in Column, Design No. Y715.

Type Z-146 NPP Spray-Applied Fire Resistive Material investigated for exterior use In Column Design Nos. X795, XR711, XR712, XR715, and XR718.

Types Z-156, Z-156PC, Z-156T Spray-Applied Fire Resistive Material investigated for exterior use in Column Design No. XR731.

Type MK-6/HY or Type Z-146 Spray-Applied Fire Resistive Materials for use in Joint System Nos. HW-D-0050, HW-D-0100.

Type Z-3306 Spray-Applied Fire Resistive Material For Use in Design No. X737.

Type MK-10 HB Spray-Applied Fire Resistive Material for use in

Beam, Design Nos. N736, N706, N708, N777, N779, N782, N789, N852, N854, S715, S728, S734, S735, S749, S750 and

Column, Design Nos. X772, X791, X854, Y710, Y715 and

Floor-Ceiling, Design Nos. D739, D743, D744, D779, D780, D782, D798, D925, D985, D993, J701, J709, J712, J957 and

Roof-Ceiling, Design Nos. P714, P725, P732, P733, P753, P936 and

Type MK-10 HB Extended Set Spray-Applied Fire Resistive Material for use in

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Bruce Mahlenholz, Director North American Certification Program

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Beam, Design Nos. N736, N709, N708, N777, N779, N782, N789, N852, N854, S715, S728, S734, S735, S749, S750 and

Column, Design Nos. X772, X854, Y710, Y715 and

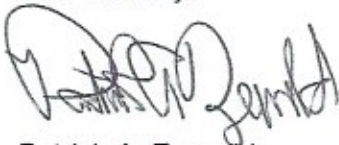
Floor-Ceiling, Design Nos. D739, D743, D744, D779, D780, D782, D798, D925, D985, D993, J709, J712, J957 and

Roof-Ceiling, Design Nos. P714, P725, P732, P733, P753, P936.

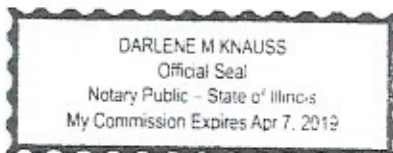
Type Z-3306G Spray-Applied Fire Resistive Material for use in:

Column, Design No. X737.

Reviewed By:



Patrick A. Zeeveld
Senior Staff Engineer
UL LLC – Northbrook, IL
Dated: June 22, 2018



State of Illinois County of Cook
On this day 25, June, 2018 before
me a notary Public Patrick A Zeeveld
Personally appeared before me (or
Satisfactorily Proven) to be the
Person whose name is subscribed
to the within instrument and
acknowledge that he executed the
same for the purposes therein contained.
In witness hereof, I hereunto set
my hand and official seal.

Darlene M Knauss



Bruce Mahrenholz, Director North American Certification Program
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