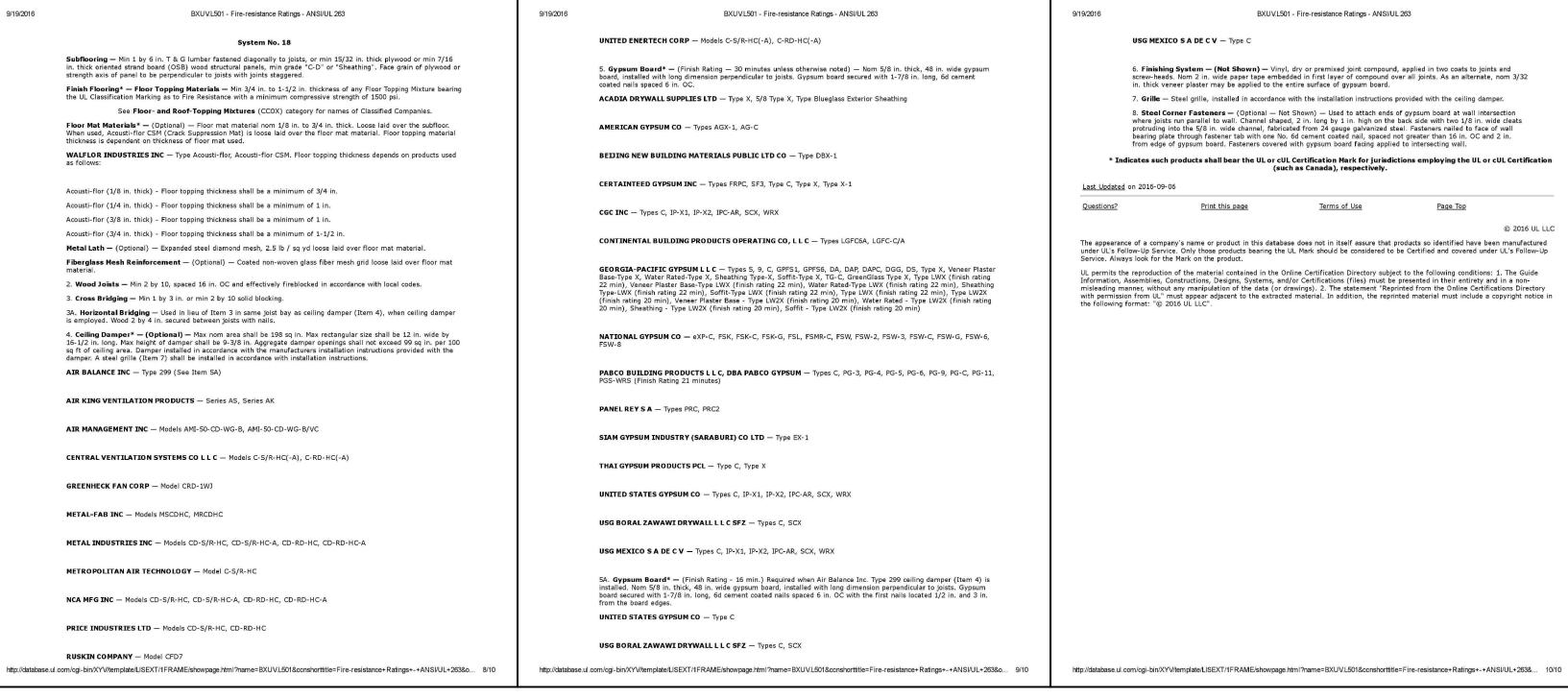


2016	BXUVL501 - Fire-resistance Ratings - ANSI/UL 263	9/19/2016	BXUVL501 - Fire-resistance Ratings - ANSI/UL 263	9/19/2016	BXUVL501 - Fire-resistance Ratings - ANSI/UL 263
	Alternate Floor Mat Materials — (Optional) — Floor mat material nom 1/4 in. (6 mm) thick loose laid over the subfloor. Floor topping thickness shall be a min of 1 in. (25 mm).	1	inish Flooring — Floor Topping Mixture* — Min 3/4 or 1 in. thickness of floor topping mixture for 19/32 or 15/32 . thick wood structural panels respectively, having a min compressive strength of 1000 psi. Mixture shall consist of 5 8 gal of water to 80 lbs of floor topping mixture to 2.1 cu tf of sand.		Alternate Floor Mat Materials* — (Optional) — Nom 0.8 in, thick floor mat material loose laid over the subfloor with
	HACKER INDUSTRIES INC — Type FIRM-FILL SCM 250, Quiet Qurl 55/025		LTRA QUIET FLOORS — UQF-A, UQF-Super Blend, UQF-Plus 200		Crack Suppression Mat (CSM) loose laid over the floor mat material. Floor topping thickness shall be min 1-1/2 in.
					MAXXON CORP — Type Acousti-Mat 3, Acousti-Mat 3 HP, Crack Suppression Mat (CSM)
	Alternate Floor Mat Materials — (Optional) — Floor mat material nom 3/8 in. (10 mm) thick loose laid over the subfloor. Floor topping thickness shall be a min of 1-1/4 in. (32 mm)		System No. 8		Metal Lath — (Alternate to Crack Suppression Mat (CSM)) — 3/8 in. expanded galvanized steel diamond mesh, 3.4
	HACKER INDUSTRIES INC — FIRM-FILL SCM 400, Quiet Qurl 60/040		<b>ubflooring</b> — Min 15/32 in. wood structural panels, min grade "C-D" or "Sheathing". Face grain of plywood or rength axis of panels to be perpendicular to joists with joints staggered.		Fiber Glass Mesh Reinforcement — (Optional) — Maxxon Corp's "Maxxon Reinforcement (MR)" for use with or as an
	Alternate Floor Mat Materials – (Optional) – Floor mat material nom 3/4 in. (19 mm) thick loose laid over the	,	apor Barrier — (Optional) — Nom 0.030 in thick commercial asphalt saturated felt.		alternate to CSM or metal lath reinforcement, the materials consists of a plastic coated non-woven fiber glass mesh grid intended to suppress cracks in the Floor Topping Mixture
	subfloor. Floor topping thickness shall be a min of 1-1/2 in. (38 mm). HACKER INDUSTRIES INC — Type FIRM-FILL SCM 750, Quiet Qurl 65/075	F	<b>loor Mat Materials* — (Optional)</b> — Nom 1/4 in. thick floor mat material loose laid over the subfloor. Maxxon Floor rimer to be applied to the surface of the mat prior to the floor topping placement. When floor mat material is used, in thickness of floor topping thickness is 1 in. Floor topping thickness a min 3/4 in. over Acousti-Mat I floor mat.		Alternate Floor Mat Materials* — (Optional) — Nom 0.4 in. thick floor mat material loose laid over the subfloor. Maxxon Floor Primer to be applied to the surface of the mat prior to the floor topping placement. Floor topping thickness shall be min 1 in. Floor topping thickness shall be min 3/4 in. when used with Crack Suppression Mat (CSM),
	Metal Lath (Optional) — For use with 3/8 in. (10 mm) floor mat materials, 3/8 in. expanded steel diamond mesh,		AXXON CORP — Type Acousti-Mat I, Acousti-Mat II, Acousti-Mat II HP		Metal Lath, or Maxxon Reinforcement (MR). MAXXON CORP — Type Enkasonic 9110, Enkasonic 9110 HP.
	3.4 lbs/sq yd placed over the floor mat material. Hacker Floor Primer to be applied prior to the placement of the metal lath. When metal lath is used, floor topping thickness a nom 1-1/4 in. over the floor mat.		<b>Iternate Floor Mat Materials*</b> — (Optional) — Nom 0.8 in. thick floor mat material loose laid over the subfloor with		
	Finish Flooring — Floor Topping Mixture* — Min 3/4 in. thickness of floor topping mixture having a min compressive strength of 1100 psi. Mixture shall consist of 6.8 gal of water to 80 lbs of floor topping mixture to 1.9 cu ft of sand.		rack Suppression Mat (CSM) loose laid over the floor mat material. Floor topping thickness shall be min 1-1/2 in. AXXON CORP — Type Acousti-Mat 3, Acousti-Mat 3 HP, Crack Suppression Mat (CSM)		Alternate Floor Mat Materials* — (Optional) — Nom 0.2 in. thick floor mat material loose laid over the subfloor. Maxxon Floor Primer may be applied to the surface of the mat prior to the floor topping placement. Floor topping
	HACKER INDUSTRIES INC — Firm-Fill Gypsum Concrete, Firm-Fill 2010, Firm-Fill 3310, Firm-Fill 4010, Firm-Fill High Strength, Gyp-Span Radiant				thickness shall be min 3/4 in. (1 in. for min 15/32 in. thick wood structural panels). MAXXON CORP — Type Acousti-Mat LP-R
			etal Lath — (Alternate to Crack Suppression Mat (CSM)) — 3/8 in. expanded galvanized steel diamond mesh, 3.4 s/sq yd loose laid over the floor mat material. Floor topping thickness shall be min 1-1/2 in.		
	System No. 4 Subflooring — Min 15/32 in. thick wood structural panels, min grade "C-D" or "Sheathing". Face grain of plywood or	ā	iber Glass Mesh Reinforcement — (Optional) — Maxxon Corp's "Maxxon Reinforcement (MR)" for use with or as an ternate to CSM or metal lath reinforcement, the materials consists of a plastic coated non-woven fiber glass mesh id intended to suppress cracks in the Floor Topping Mixture.		Metal Lath — (Optional) — For use with floor mat materials, 3/8 in. expanded galvanized steel diamond mesh, 3.4 Ibs/sq yd or Maxxon Corp. UL Classified Crack Suppression Mat (CSM) loose laid over the floor mat material. Floor topping thickness shall be min 1 in.
	strength axis of panel to be perpendicular to joists with joints staggered.	-	<b>Iternate Floor Mat Materials</b> * — (Optional) — Nom 0.4 in. thick floor mat material loose laid over the subfloor.		MAXXON CORP — Type Crack Suppression Mat (CSM)
	Vapor Barrier — (Optional) — Nom 0.030 in thick commercial asphalt saturated felt. Finish Flooring — Floor Topping Mixture* — Min 1-1/2 in. thickness of floor topping mixture having a min	t	axxon Floor Primer to be applied to the surface of the mat prior to the floor topping placement. Floor topping ickness shall be min 1 in. Floor topping thickness shall be min 3/4 in. when used with Crack Suppression Mat (CSM), etal Lath, or Maxxon Reinforcement (MR).		Fiber Glass Mesh Reinforcement — (Optional) — Maxxon Corp's "Maxxon Reinforcement (MR)" for use with or as an
	compressive strength of 1000 psi and a cast density of 100 plus or minus 5 pcf. Foam concentrate mixed 40:1 by volume with water and expanded at 100 psi through nozzle. Mixture shall consist of 1.4 cu feet of preformed foam concentrate to 94 lbs Type I Portland cement, 300 lbs of sand with 5-1/2 gal of water.		AXXON CORP — Type Enkasonic 9110, Enkasonic 9110 HP		alternate to CSM or metal lath reinforcement, the materials consists of a plastic coated non-woven fiber glass mesh grid intended to suppress cracks in the Floor Topping Mixture
	ELASTIZELL CORP OF AMERICA — Type FF				Finish Flooring — Floor Topping Mixture* — Min 3/4 or 1 in. thickness of floor topping mixture for min 19/32 or min 15/32 in. thick wood structural panels respectively, having a min compressive strength of 1200 psi. Mixture shall consist
		1	Iternate Floor Mat Materials* — (Optional) — Nom 0.2 in. thick floor mat material loose laid over the subfloor. axxon Floor Primer may be applied to the surface of the mat prior to the floor topping placement. Floor topping lickness shall be min 3/4 in. (1 in. for min 15/32 in. thick wood structural panels).		of 4 to 7 gal of water to 80 lbs of floor topping mixture to 1.4 to 1.9 cu ft of sand. <b>RAPID FLOOR SYSTEMS</b> — Type RF, RFP, RFU, RFR, Ortecrete
	System No. 5		AXXON CORP — Type Acousti-Mat LP-R		
	Subflooring — Min 15/32 in. thick wood structural panels, min grade "C-D" or "Sheathing". Face grain of plywood or strength axis of panel to be perpendicular to joists with joints staggered.				System No. 10
	Vapor Barrier — (Optional) — Nom 0.030 in thick commercial asphalt saturated felt. Finish Flooring — Floor Topping Mixture* — Min 1-1/2 in. thickness of floor topping mixture having a min	1	letal Lath — (Optional) — For use with floor mat materials, 3/8 in. expanded galvanized steel diamond mesh, 3.4 s/sq yd or Maxxon Corp. UL Classified Crack Suppression Mat (CSM) loose laid over the floor mat material. Floor pping thickness shall be min 1 in.		Subflooring — Min 1 by 6 in. T & G lumber fastened diagonally to joists, or min 15/32 in. thick plywood or min 7/16 in. thick oriented strand board (OSB) wood structural panels, min grade "C-D" or "Sheathing". Face grain of plywood or strength axis of panels to be perpendicular to the joists with joints staggered.
	compressive strength of 1000 psi and a cast density of 100 plus or minus 5 pcf. Foam concentrate mixed 40:1 by volume with water and expanded at 100 psi through nozzle. Mixture shall consist of 1.2 cu feet of preformed foam concentrate to 94 lbs Type I Portland cement, 300 lbs of sand with 5-1/2 gal of water.		AXXON CORP — Type Crack Suppression Mat (CSM)		Finish Floor — Mineral and Fiber Board* — Min 1/2 in. thick, supplied in sizes ranging from 3 ft by 4 ft to 8 ft by 12 ft. All joints to be staggered a min of 12 in. with adjacent sub-floor joints.
	AERIX INDUSTRIES — Floor Topping Mixture	ā	iber Glass Mesh Reinforcement — (Optional) — Maxxon Corp's "Maxxon Reinforcement (MR)" for use with or as an ternate to CSM or metal lath reinforcement, the materials consists of a plastic coated non-woven fiber glass mesh id intended to suppress cracks in the Floor Topping Mixture.		HOMASOTE CO — Type 440-32 Mineral and Fiber Board
	System No. 6	1	inish Flooring — Floor Topping Mixture* — Min 3/4 or 1 in. thickness of floor topping mixture for min 19/32 or min		System No. 11
	Subflooring — Min 15/32 in. thick wood structural panels, min grade "C-D" or "Sheathing". Face grain of plywood or	c	5/32 in. thick wood structural panels respectively, having a min compressive strength of 1000 psi. Mixture shall consist 3 to 7 gal of water to 80 lbs of floor topping mixture to 1.0 to 2.1 cu ft of sand.		Subflooring — Min 15/32 in. thick wood structural panels, min grade "C-D" or "Sheathing". Face grain of plywood or strength axis of panels to be perpendicular to the joists with joints staggered.
	strength axis of panel to be perpendicular to joists with joints staggered. Vapor Barrier — (Optional) — Nom 0.030 in thick commercial asphalt saturated felt.		AXXON CORP — Type D-C, GC, GC2000, L-R, T-F, CT		Vapor Barrier – (Optional) – Nom 0.030 in. thick commercial asphalt saturated felt.
	Finish Flooring — Floor Topping Mixture* — Min 1-1/2 in. thickness of floor topping mixture having a min		System No. 9		Finish Flooring - Floor Topping Mixture* - Min 3/4 or 1 in. thickness of floor topping mixture for 19/32 or 15/32
	compressive strength of 1000 psi and a cast density of 100 plus or minus 5 pcf. Foam concentrate mixed 40:1 by volume with water and expanded at 100 psi through nozzle. Mixture shall consist of 1.4 cu feet of preformed foam concentrate to 94 lbs Type I Portland cement, 62.5 lbs of Pea Gravel, 312.5 lbs of sand with 5-1/2 gal of water.		ubflooring — Min 15/32 in. thick wood structural panels, min grade "C-D" or "Sheathing". Face grain of plywood or rength axis of panel to be perpendicular to joists with joints staggered.		in. thick wood structural panels respectively, having a min compressive strength of 1000 psi. Refer to manufacturer's instructions accompanying the material for specific mix design.
	LITE-CRETE INC — Type I		apor Barrier — (Optional) — Nom 0.030 in thick commercial asphalt saturated felt.		ALLIED CUSTOM GYPSUM — Accu-Crete, AccuRadiant, AccuLevel G40 and AccuLevel SD30
	System No. 7	I	<b>bor Mat Materials*</b> — (Optional) — Nom 1/4 in. thick floor mat material loose laid over the subfloor. Maxxon Floor rimer to be applied to the surface of the mat prior to the floor topping placement. When floor mat material is used, in thickness of floor topping mixture is 1 in. Floor topping thickness a min 3/4 in. over Acousti-Mat 1 floor mat.		Alternate Floor Mat Material* — (Optional) - Floor mat material nominal 2 - 9.5 mm thick loose laid over the subfloor. Floor topping shall be a min of 3/4 in. or 1 in. thick for 19/32 or 15/32 in. thick wood structural panels respecitively.
	Subflooring — Min 15/32 in. thick wood structural panels, min grade "C-D" or "Sheathing". Face grain of plywood or strength axis of panel to be perpendicular to joists with joints staggered.		AXXON CORP — Type Acousti-Mat I, Acousti-Mat II, Acousti-Mat II HP		ALLIED CUSTOM GYPSUM — Type AccuQuiet P80, Type AccuQuiet C40, AccuQuiet D13, and Type AccuQuiet D-18.
database.ul.	com/cgi-bin/XYV/template/LISEXT/1FRAME/showpage.html?name=BXUVL501&ccnshorttitle=Fire-resistance+Ratings+-+ANSI/UL+263&o 3/10	http://database.ul.com	cgi-bin/XYV/template/LISEXT/1FRAME/showpage.html?name=BXUV.L501&ccnshorttitle=Fire-resistance+Ratings+-+ANSI/UL+263&o 4/10	http://database.ul	com/ogi-bin/XYV/template/LISEXT/1FRAME/showpage.html?name=BXUV.L501&ccnshorttitle=Fire-resistance+Ratings+-+ANSI/UL+263&o 5/10



### BXUV/L501 - Fire-resistance Ratings - ANSI/UL 263

#### System No. 10

# System No. 11

BXUV.L501 - Fire-resistance Ratings - ANSI/UL 263

## USG MEXICO S A DE C V - Type C

6. Finishing System - (Not Shown) - Vinyl, dry or premixed joint compound, applied in two coats to joints and screw-heads. Nom 2 in, wide paper tape embedded in first layer of compound over all joints. As an alternate, nom 3/32 in, thick veneer plaster may be applied to the entire surface of gypsum board. 7. Grille - Steel grille, installed in accordance with the installation instructions provided with the ceiling damper.

8. Steel Corner Fasteners — (Optional — Not Shown) — Used to attach ends of gypsum board at wall intersection where joists run parallel to wall. Channel shaped, 2 in. long by 1 in. high on the back side with two 1/8 in. wide cleats protruding into the 5/8 in. wide channel, fabricated from 24 gauge galvanized steel. Fasteners nailed to face of wall bearing plate through fastener tab with one No. 6d cement coated nail, spaced not greater than 16 in. OC and 2 in. from edge of gypsum board. Fasteners covered with gypsum board facing applied to intersecting wall.

(such as Canada), respectively. Print this page Terms of Use Page Top © 2016 UL LLC

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No.	DATE	ISSUED / REVISED		
1	29 AUG/16	SCHEMATIC DESIGN		
2	1 SEP/16	DESIGN REVISION - 1		
3	14 SEP/16	DESIGN REVISION - 2		
4	30 SEP/16	CONSTRUCTION DOCUMENTS		
5	15 NOV/16	CLIENT REVISION		
6	05 DEC/16	PERMITTING REVISION - 1		
7	03 FEB/17	PERMITTING REVISION - 2 $\sqrt{2}$		

