

Page 1

<b>Received:</b> 03/05/2019 <b>Completed:</b> 05/08/2019 <b>Letter:</b> P	XU	<b>P.O.</b> #: 0031826	Test Report #:	3-31142-0-
Client's Style: 2.5 inch Sound Attenuator duct. Compos Identification polyester film. (see continuation)	sition: N	lylon and wire helical	inner core, fiberglass in	sulation, aluminized
Tested For: Adam White Unico, Inc. 1120 Intagliata Drive			BS 476 Part 6 1-(314)-481-9000	1835 Ext:
Arnold, MO 63010		Fax:	1-( )	
CLIENT'S IDENTIFICATION (continuation):				
Product End Use: Air supply duct from main plen	num dı	act to condition	ed space.	
APPROXIMATE THICKNESS & MASS PER UNIT AREA (as 0.55 $\ensuremath{\text{kg/m}^{2}}$	meası	ared by SGS Govma	ark): 26.17 mm;	
TEST PERFORMED: BS 476 Part 6 - Fire Tests of Part 6 - Method of Test for Fire Propagation for	n Buil or Pro	ding Materials and ducts	and Structures	
BRIEF DESCRIPTION OF TEST: A standard calcium and electrically heated heat sources as follows Open flame ignition is activated at point zero. At 2 minutes 45 seconds, 1800 watts is intro. At 5 minutes the wattage is reduced to 1500 The total test time is 20 minutes. Similar runs are made using the material uncompared to the standard calcium and electrically seconds.	s. ero. oduceo watts	to the electric		en of open flame
The raw data of the material under test is composed in three increments of the test and the first 3 minutes of the test period 2 is the subsequent 7 minutes interval.	mental		of the non combus	tible board.
The propagation index is the total of the three SPECIMEN PREPARATION: The material under test			n silicate board u	sing a clay based

RESULTS:

wallcovering adhesive.

Sul	o Indice	es		
	1			6.1
	2			1.8
	3			0.3
	Total	(Propagation	Index):	8.2

REMARKS: None.

ACCEPTANCE CRITERIA: None cited.

(Page 1 of 2)



eceived:03/05/2019 Completed:05/08/2	019 Letter: P	XU <b>P.O.</b> #: 0031826	Test Report #:	3-31142-0-
Client's Style: 2.5 inch Sound Atterdentification polyester film. (see continu	nuator duct. Compo	osition: Nylon and wire helica	al inner core, fiberglass insula	
ested For: Adam White		Key Tes	t: BS 476 Part 6	1835
Unico, Inc. 1120 Intagliata Drive		Tel	1: 1-(314)-481-9000	Ext:
Arnold, MO 63010			: 1-( )	
ONCLUSION: Not applicable.				
PERTITE CARTON. I CONTINUE TO THE	- ha - ha			
ERTIFICATION: I certify that the tith the procedures and equipment	the above resul nt specified by	Its were obtained after BS 476 Part 6 .	er testing specimens in	n accordance
			MAY 1 3 20	19
UTHORIZED SIGNATURE GS GOVMARK				
XWF /jab /gb				
<b>//</b> /	(Page	2 of 2)	Bobby Brow	Die
V			30007	



Page 1

Received: 03/05	5/2019 Completed: 05/08/2019	Letter: P1	XU	<b>P.O.</b> #: 0031826	Test Report #:	3-3	1142-1-		
Client's Style: 2.5 inch Sound Attenuator duct. Composition: Nylon and wire helical inner core, fiberglass insulation, aluminized polyester film. (see continuation)									
Tested For: Adam White				Key Test: BS	476 Part 7		2000		
U	nico, Inc.								
1	120 Intagliata Drive			Tel: 1-(	314)-481-9000	Ext:			
A	rnold, MO 63010			Fax: 1-(					

CLIENT'S IDENTIFICATION (continuation):

Product End Use: Air supply duct from main plenum duct to conditioned space.

LE 1997; V 9/15

PC: ME

DL/jd

APPROXIMATE THICKNESS & MASS PER UNIT AREA (as measured by SGS Govmark): 26.17 mm; 0.55 kg/m $^2$ 

TEST PERFORMED: BS 476 Part 7 - Fire Tests on Building Materials and Structures
Part 7 - Method of test to determine the classification of the surface spread of flame of products

BRIEF DESCRIPTION OF TEST: This test is intended to measure the lateral spread of flame along the surface of a specimen oriented in the vertical position. A classification system based on the rate and extent of spread of flame constitutes the class rating given to the material.

SPECIMEN: [x] 885 mm by 270 mm [] Other \_\_\_\_\_

RESULTS:

Flame Spread

Specimen #	@ 90 seconds (mm)	Final (mm)			
1	290	290			
2	180	180			
3	150	150			
4	150	150			
5	180	180			
6	370	370			

OBSERVATIONS: Material softening observed.

REMARKS: None.



Page 2

Received: 03/0	05/2019 Com	inleted: 05/0	08/2019 <b>Letter:</b> P1	XII	<b>P.O.</b> #: 0031	826	Test Report #:	3-31	142-1-
Client's Identification	Style: 2.5 ii	nch Sound A	Attenuator duct. Compos						
Tested For: A		e ta Drive			K	rest: BS  Tel: 1-(3  Fax: 1-(	314)-481-9000	Ext:	2000
			cited by Table 2	(nage 1	5) of BC				
			of Flame @ 1.5 min		Final S	pread of			
Classif	ication	Avg Limit (mm)	(mm)	imen	Avg Limit (mm)	Limit for in Sample (mm)	r 1 Specimen e		
Class 1 Class 2 Class 3 Class 4		165 215 265 Exceed:		class	165 455 710	165 + 25 455 + 45 710 + 75			
Notes:			dded to the classi			product w	hich has		
	required	in order	dded to the classic to obtain 6 valid	test r	results (e	.g. class	2R).		
	the stand	ard (i.e.	ded to the classification, distribution, dis	stortic re achi	on). Leved from	1 sample	, then the		
	method.								
[ ] D [ ] D [ ] D	[ ] Cla [ ] Cla [ ] Cla [x] Cla	ss 1 [] ss 2 [] ss 3 [] ss 4 [x]	R [] Y R [] Y		eation Cri	teria, th	e item tested is	s Classified	d as:
the pro	duct unde	r the par	es relate only to stricular condition seessing the potent	of tes	st; they a	re not in	tended to be		
CERTIFICATI	ON: I ce	rtify tha	at the above result	ts were	e obtained Part 7.				nce
							Bobby Bru	own	
AUTHORIZED SGS GOVMARK EXWF /jab			(Page :	2 of 2)			Bobby Bru MAY 132	019	