



Matthew Branigan  
SAS INTERNATIONAL LIMITED  
PARC CRESCENT  
WATERTON INDUSTRIAL ESTATE  
BRIDGEND  
CF31 3XU UNITED KINGDOM

Date: 2019/04/01  
Subscriber: None  
PartySite: 2110825  
File No: R39675  
Project No: 19SR5122528  
PD No: 19017059  
Type: L  
PO Number:

Subject: **Initial Production Inspection**

**PLEASE NOTE: YOU ARE NOT AUTHORIZED TO SHIP ANY PRODUCTS BEARING ANY UL MARKS UNTIL THE INITIAL PRODUCTION INSPECTION HAS BEEN SUCCESSFULLY CONDUCTED BY THE UL FIELD REPRESENTATIVE.**

**An Initial Production Inspection (IPI) is an inspection that must be conducted prior to the first shipment of products bearing the UL Mark. This is to ensure that products being manufactured are in accordance with UL's requirements including the Follow-Up Service Procedure. After the UL Representative has verified compliance of your product(s), authorization will be granted for shipment of product(s) bearing the appropriate UL Marks as denoted in the Procedure.**

Inspections at your plant will be conducted under the supervision of BENNY CHRISTIANSEN, UL INSPECTION CENTER IRELAND, UL INTERNATIONAL (U K) LTD, GUILDWAY, WONERSH HOUSE, SURREY, OLD PORTSMOUTH RD, GUILFORD, United Kingdom, GU3 1LR., PHONE: 4485-6269, EMAIL: benny.christiansen@ul.com

Please file revised pages and illustrations in place of material of like identity. New material should be filed in its proper numerical order.

NOTE: Follow-Up Service Procedure revisions DO NOT include Cover Pages, Test Records and Conclusion Pages. Report revisions DO NOT include Authorization Pages, Indices, Section General Pages and Appendixes.

Please review this material and report any inaccuracies to UL's Customer Service Professionals. Contact information for all of UL's global offices can be found at <http://ul.com/aboutul/locations>.

If you'd like to receive updated materials FASTER, UL offers electronic access and/or delivery of this material. For more details, contact UL's Customer Service Professionals as shown above., referring to the above Project and/or PD Numbers.

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NBK File

UL INSPECTION CENTER 850

Production Date: UNKNOWN  
Contact: Matthew Branigan  
Phone: +44 1656 654 600  
EMail: Mbranigan@sasint.co.uk

ADDENDUM TO TRANSMITTAL LETTER

Matthew Branigan  
SAS INTERNATIONAL LIMITED  
PARC CRESCENT  
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Date: 2019/04/01  
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The following material resulting from the investigation under the above numbers is enclosed.

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Acoustic ceiling tile of a galvanized steel coated with polyester powder coating with a zero to 22 percent perforation, "System 170",		
Acoustic ceiling tile of a galvanized steel coated with polyester powder coating with a zero to 22 percent perforation, "System 200",		
Acoustic ceiling tile of a galvanized steel coated with polyester powder coating with a zero to 22 percent perforation, "System 330",		
Acoustic ceiling tile of a galvanized steel coated with polyester powder coating with a zero to 22 percent perforation, "System 600",		
Acoustic ceiling tile of a galvanized steel coated with polyester powder coating with a zero to 22 percent perforation, "System 900",		
*		

Acoustic ceiling tile of a galvanized steel coated with polyester powder coating with a 22% perforation, 0.45mm thick acoustic fleece, "System 130", or		
Acoustic ceiling tile of a galvanized steel coated with polyester powder coating with a 22% perforation, 0.45mm thick acoustic fleece, "System 150",		
Acoustic ceiling tile of a galvanized steel coated with polyester powder coating with a 22% perforation, 0.45mm thick acoustic fleece, "System 170",		
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## GENERAL

## PRODUCTS COVERED:

The products covered by this Procedure are:

Acoustic ceiling tile of a galvanized steel coated with polyester powder coating with a zero to 22 percent perforation, "System 130" or

**Acoustic ceiling tile of a galvanized steel coated with polyester powder coating with a zero to 22 percent perforation, "System 150",**

**Acoustic ceiling tile of a galvanized steel coated with polyester powder coating with a zero to 22 percent perforation, "System 170",**

**Acoustic ceiling tile of a galvanized steel coated with polyester powder coating with a zero to 22 percent perforation, "System 200",**

**Acoustic ceiling tile of a galvanized steel coated with polyester powder coating with a zero to 22 percent perforation, "System 330",**

**Acoustic ceiling tile of a galvanized steel coated with polyester powder coating with a zero to 22 percent perforation, "System 600",**

**Acoustic ceiling tile of a galvanized steel coated with polyester powder coating with a zero to 22 percent perforation, "System 900",**

Acoustic ceiling tile of a galvanized steel coated with polyester powder coating with a 22% perforation, 0.45mm thick acoustic fleece, "System 130" or

**Acoustic ceiling tile of a galvanized steel coated with polyester powder coating with a 22% perforation, 0.45mm thick acoustic fleece, "System 150",**

**Acoustic ceiling tile of a galvanized steel coated with polyester powder coating with a 22% perforation, 0.45mm thick acoustic fleece, "System 170",**

**Acoustic ceiling tile of a galvanized steel coated with polyester powder coating with a 22% perforation, 0.45mm thick acoustic fleece, "System 200",**

**Acoustic ceiling tile of a galvanized steel coated with polyester powder coating with a 22% perforation, 0.45mm thick acoustic fleece, "System 330",**

**Acoustic ceiling tile of a galvanized steel coated with polyester powder coating with a 22% perforation, 0.45mm thick acoustic fleece, "System 600",**

\*

Acoustic ceiling tile of a galvanized steel coated with polyester powder coating with a 22% perforation, 0.45mm thick acoustic fleece, "System 900",

Acoustic ceiling baffle of a galvanized steel coated with polyester powder coating with 0% perforation, "System 500".

Acoustic ceiling baffle of a galvanized steel coated with polyester powder coating with 39% perforation with acoustic pad, "System 500".

Acoustic ceiling linear profile of a extruded aluminum coated with polyester powder coating with 0% perforation, "System 740".

Acoustic ceiling tubeline of a extruded aluminum coated with polyester powder coating with 0% perforation, "System 750".

The products have been certified under the following category:

- Acoustical Materials (BIYR).

#### FACTORY LOCATIONS AND IDENTIFICATIONS:

Please see the Addendum to Authorization Page for Factory Location & ID.

#### GENERAL CHARACTER AND USE:

The products described herein are intended for use as a building material as permitted by authorities having jurisdiction.

#### COMPLIANCE:

The products described herein have been investigated in accordance with the following standard:

STANDARD No.	DESCRIPTION
ANSI/UL 723	Test for Surface Burning Characteristics of Building Materials

For the type of Certification System and list of recognitions of Underwriters Laboratories, refer to [www.ul.com](http://www.ul.com).

## CERTIFICATION MARKING:

Each unit or package of the finished products that conforms to the descriptions and specifications given in this Procedure is eligible to bear the UL Mark indicated in each individual Section of this Procedure and shall contain the following information:

1. The Classified Company's name and address or File No. "R39675";
2. The product trade name;
3. The factory ID of the location that produced the product (See the Addendum to Authorization Page for a list of factory ID's);
4. The Classification Marking along with the product category and Issue No. as shown:

Classification Marking

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ACOUSTICAL MATERIALS  
Issue No.

5. Any additional information/text, such as the surface burning characteristics, specified in each individual "Description" section of this Procedure.

D E S C R I P T I O NPRODUCT COVERED:

Acoustic ceiling tile of a galvanized steel coated with polyester powder coating with a zero to 22 percent perforation, "System 130", or

**Acoustic ceiling tile of a galvanized steel coated with polyester powder coating with a zero to 22% percent perforation, "System 150",**

**Acoustic ceiling tile of a galvanized steel coated with polyester powder coating with a zero to 22% percent perforation, "System 170",**

**Acoustic ceiling tile of a galvanized steel coated with polyester powder coating with a zero to 22% percent perforation, "System 200",**

**Acoustic ceiling tile of a galvanized steel coated with polyester powder coating with a zero to 22 percent perforation, "System 330",**

**Acoustic ceiling tile of a galvanized steel coated with polyester powder coating with a zero to 22 percent perforation, "System 600",**

**Acoustic ceiling tile of a galvanized steel coated with polyester powder coating with a zero to 22 percent perforation, "System 900",**

MANUFACTURING PROCESS:

Polyester powder coating is electrostatically applied to a galvanized steel non perforated sheet.

COMPONENTS:

## Coating

Designation - Interpon D, supplied by Akzo Nobel

Type - Polyester Powder Coating

Application Rate - 0.02kg/m<sup>2</sup> based on a 600mm\*600mm area

Qualitative Infrared Analysis - The spectrum obtained shall be compared with the original spectrum dated F01-29-19 under File R39675 and found similar.

Thermogravimetric Analysis - The TGA curve obtained shall be found similar with the spectrum identified as "Interpon D", in File R39675, dated F01-29-19.

Percent Ash - shall be a minimum of 30.36



Metal

Designation - DX52 Z100, supplied by Arcelor Mittal

Type - Galvanized Steel

Thickness - 0.6 mm ± 0.03 mm

CLASSIFICATION:

SURFACE BURNING CHARACTERISTICS

	<u>Acoustic Ceiling Tile</u>
FLAME SPREAD	5
SMOKE DEVELOPED	40

D E S C R I P T I O NPRODUCT COVERED:

Acoustic ceiling tile of a galvanized steel coated with polyester powder coating with a 22% perforation, 0.45mm thick acoustic fleece, "System 130", or

Acoustic ceiling tile of a galvanized steel coated with polyester powder coating with a 22% perforation, 0.45mm thick acoustic fleece, "System 150",

Acoustic ceiling tile of a galvanized steel coated with polyester powder coating with a 22% perforation, 0.45mm thick acoustic fleece, "System 170",

Acoustic ceiling tile of a galvanized steel coated with polyester powder coating with a 22% perforation, 0.45mm thick acoustic fleece, "System 200",

Acoustic ceiling tile of a galvanized steel coated with polyester powder coating with a 22% perforation, 0.45mm thick acoustic fleece, "System 330",

Acoustic ceiling tile of a galvanized steel coated with polyester powder coating with a 22% perforation, 0.45mm thick acoustic fleece, "System 600",

Acoustic ceiling tile of a galvanized steel coated with polyester powder coating with a 22% perforation, 0.45mm thick acoustic fleece, "System 900",

MANUFACTURING PROCESS:

Polyester powder coating is electrostatically applied to a galvanized steel perforated sheet. A core material of acoustic fleece is attached to the galvanized steel.

COMPONENTS:

## Coating

Designation - Interpon D, supplied by Akzo Nobel

Type - Polyester Powder Coating

Application Rate - 0.02kg/m<sup>2</sup> based on a 600mm\*600mm area

\*

\*

**Qualitative Infrared Analysis** - The spectrum obtained shall be compared with the original spectrum dated F01-29-19 under File R39675 and found similar.

**Thermogravimetric Analysis** - The TGA curve obtained shall be found similar with the spectrum identified as "Interpon D", in File R39675, dated F01-29-19.

**Percent Ash** - shall be a minimum of 30.36

#### **Metal**

**Designation** - DX52 Z100, supplied by Arcelor Mittal

**Type** - Galvanized Steel

**Thickness** - 0.6 mm  $\pm$  0.03 mm

## Backing

Designation - R 6/60 FF Black, supplied by Royalin GmbH

Type - Acoustic Fleece

Thickness - 0.45mm  $\pm$  0.0225 mm

Qualitative Infrared Analysis - The spectrum obtained shall be compared with the original spectrum dated F01-27-19 under File R39675 and found similar.

Thermogravimetric Analysis - The TGA curve obtained shall be found similar with the spectrum identified as "R 6/60 FF Black", in File R39675, dated F01-27-19.

Percent Ash - shall be a minimum of 20.5

Weight per Unit Area - 0.1573 g/in<sup>2</sup>  $\pm$  0.0078 g/in<sup>2</sup> (243 g/m<sup>2</sup>  $\pm$  12.15 g/m<sup>2</sup>)

## CLASSIFICATION:

## SURFACE BURNING CHARACTERISTICS

	<u>Acoustic Ceiling Tile</u>
FLAME SPREAD	10
SMOKE DEVELOPED	55 - 100

# CERTIFICATE OF COMPLIANCE

**Certificate Number** 20190330-R39675  
**Report Reference** R39675-20190305  
**Issue Date** 2019-MARCH-30

**Issued to:** SAS International Limited  
Parc Crescent  
Waterton Industrial Estate  
Bridgend  
CF31 3XU UNITED KINGDOM

**This certificate confirms that  
representative samples of**

ACOUSTICAL MATERIALS  
See Addendum Page for Models/Product

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

**Standard(s) for Safety:** Surface Burning Characteristics for Building Materials,  
UL723.

**Additional Information:** See the UL Online Certifications Directory at  
<https://iq.ulprospector.com> for additional information.

This *Certificate of Compliance* does not provide authorization to apply the UL Mark. Only the UL Follow-Up Services Procedure provides authorization to apply the UL Mark.

Only those products bearing the UL Mark should be considered as being UL Certified and covered under UL's Follow-Up Services.

Look for the UL Certification Mark on the product.



Bruce Mahrenholz, Director North American Certification Program  
UL LLC

Any information and documentation involving UL Mark services are provided on behalf of UL LLC (UL) or any authorized licensee of UL. For questions, please contact a local UL Customer Service Representative at <http://ul.com/aboutul/locations/>



# CERTIFICATE OF COMPLIANCE

**Certificate Number** 20190330-R39675  
**Report Reference** R39675-20190305  
**Issue Date** 2019-MARCH-30

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

Acoustic ceiling tile of a galvanized steel coated with polyester powder coating with a zero to 22 percent perforation, "System 130", or

Acoustic ceiling tile of a galvanized steel coated with polyester powder coating with a zero to 22% percent perforation, "System 150",

Acoustic ceiling tile of a galvanized steel coated with polyester powder coating with a zero to 22% percent perforation, "System 170",

Acoustic ceiling tile of a galvanized steel coated with polyester powder coating with a zero to 22% percent perforation, "System 200",

Acoustic ceiling tile of a galvanized steel coated with polyester powder coating with a zero to 22 percent perforation, "System 330",

Acoustic ceiling tile of a galvanized steel coated with polyester powder coating with a zero to 22 percent perforation, "System 600",

Acoustic ceiling tile of a galvanized steel coated with polyester powder coating with a zero to 22 percent perforation, "System 900",



Bruce Mahrenholz, Director North American Certification Program  
UL LLC

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# CERTIFICATE OF COMPLIANCE

**Certificate Number** 20190330-R39675  
**Report Reference** R39675- 20190306  
**Issue Date** 2019-MARCH-30

**Issued to:** SAS International Limited  
Parc Crescent  
Waterton Industrial Estate  
Bridgend  
CF31 3XU UNITED KINGDOM

**This certificate confirms that  
representative samples of**

ACOUSTICAL MATERIALS  
See Addendum Page for Models/Product

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

**Standard(s) for Safety:** Surface Burning Characteristics for Building Materials,  
UL723.

**Additional Information:** See the UL Online Certifications Directory at  
<https://iq.ulprospector.com> for additional information.

This *Certificate of Compliance* does not provide authorization to apply the UL Mark. Only the UL Follow-Up Services Procedure provides authorization to apply the UL Mark.

Only those products bearing the UL Mark should be considered as being UL Certified and covered under UL's Follow-Up Services.

Look for the UL Certification Mark on the product.



Bruce Mahrenholz, Director North American Certification Program  
UL LLC

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# CERTIFICATE OF COMPLIANCE

**Certificate Number** 20190330-R39675  
**Report Reference** R39675- 20190306  
**Issue Date** 2019-MARCH-30

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

Acoustic ceiling tile of a galvanized steel coated with polyester powder coating with a 22% perforation, 0.45mm thick acoustic fleece, "System 130", or

Acoustic ceiling tile of a galvanized steel coated with polyester powder coating with a 22% perforation, 0.45mm thick acoustic fleece, "System 150",

Acoustic ceiling tile of a galvanized steel coated with polyester powder coating with a 22% perforation, 0.45mm thick acoustic fleece, "System 170",

Acoustic ceiling tile of a galvanized steel coated with polyester powder coating with a 22% perforation, 0.45mm thick acoustic fleece, "System 200",

Acoustic ceiling tile of a galvanized steel coated with polyester powder coating with a 22% perforation, 0.45mm thick acoustic fleece, "System 330",

Acoustic ceiling tile of a galvanized steel coated with polyester powder coating with a 22% perforation, 0.45mm thick acoustic fleece, "System 600",

Acoustic ceiling tile of a galvanized steel coated with polyester powder coating with a 22% perforation, 0.45mm thick acoustic fleece, "System 900",



Bruce Mahrenholz, Director North American Certification Program  
UL LLC

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## DESCRIPTION

## PRODUCTS COVERED:

The Products covered by this Report are;

Acoustic ceiling tile of a galvanized steel coated with polyester powder coating with a zero to 22 percent perforation, "System 130", or

Acoustic ceiling tile of a galvanized steel coated with polyester powder coating with a zero to 22 percent perforation, "System 150",

Acoustic ceiling tile of a galvanized steel coated with polyester powder coating with a zero to 22 percent perforation, "System 170",

Acoustic ceiling tile of a galvanized steel coated with polyester powder coating with a zero to 22 percent perforation, "System 200",

Acoustic ceiling tile of a galvanized steel coated with polyester powder coating with a zero to 22 percent perforation, "System 330",

Acoustic ceiling tile of a galvanized steel coated with polyester powder coating with a zero to 22 percent perforation, "System 600",

Acoustic ceiling tile of a galvanized steel coated with polyester powder coating with a zero to 22 percent perforation, "System 900",

Acoustic ceiling tile of a galvanized steel coated with polyester powder coating with a 22% perforation, 0.45mm thick acoustic fleece, "System 130", or

Acoustic ceiling tile of a galvanized steel coated with polyester powder coating with a 22% perforation, 0.45mm thick acoustic fleece, "System 150",

Acoustic ceiling tile of a galvanized steel coated with polyester powder coating with a 22% perforation, 0.45mm thick acoustic fleece, "System 170",

Acoustic ceiling tile of a galvanized steel coated with polyester powder coating with a 22% perforation, 0.45mm thick acoustic fleece, "System 200",

Acoustic ceiling tile of a galvanized steel coated with polyester powder coating with a 22% perforation, 0.45mm thick acoustic fleece, "System 330",

Acoustic ceiling tile of a galvanized steel coated with polyester powder coating with a 22% perforation, 0.45mm thick acoustic fleece, "System 600",

Acoustic ceiling tile of a galvanized steel coated with polyester powder coating with a 22% perforation, 0.45mm thick acoustic fleece, "System 900",

Acoustic ceiling baffle of a galvanized steel coated with polyester powder coating with 0% perforation, "System 500".

Acoustic ceiling baffle of a galvanized steel coated with polyester powder coating with 39% perforation with acoustic pad, "System 500".

Acoustic ceiling linear profile of a extruded aluminum coated with polyester powder coating with 0% perforation, "System 740".

Acoustic ceiling tubeline of a extruded aluminum coated with polyester powder coating with 0% perforation, "System 750".

The product is Classified by UL LLC (UL) as to Surface Burning Characteristics only.

USE

The product is intended for use as a building material as permitted by authorities having jurisdiction.

## TEST RECORD NO. 1

## GENERAL:

Test results relate only to the items tested.

## EXAMINATION OF MATERIALS

The materials used in this investigation were produced under the observation of a representative of UL, in a ready-to-use form. The composition of the finished material is of proprietary nature. Data on the composition is on file at UL for use in the Follow-Up Service Program.

Various physical and chemical tests were conducted on the components and finished products. The results developed from these tests were employed in establishing specifications for use in the factory Follow-Up Service Program.

## SURFACE BURNING CHARACTERISTICS:

## SAMPLES

The samples consisted of an acoustic ceiling tile of galvanized steel coated with polyester powder coating with a **zero to 22** percent perforation, "System 130"

Each test sample consisted of a length 24 ft. long by 24 in. wide of the finished product.

Each test sample was supported by 2 in. hexagonal poultry netting supported by 1/4 in. diameter steel rods spaced 2 ft. apart.

For each test a piece of 1 ft. long by 22 in. wide by 1/16 in. thick uncoated steel plate was placed at the fire end of the tunnel furnace "upstream" from the gas burners to complete the 25 ft. chamber length.

The test samples were allowed to condition at a temperature of  $73 \pm 4^{\circ}\text{F}$  and a relative humidity of  $50 \pm 5$  percent prior to testing.

## METHOD

The tests were conducted in accordance with Standard ANSI/UL723, Tenth Edition, dated September 10, 2008 with revisions through December 21, 2017, "Test for Surface Burning Characteristics of Building Materials", (ASTM E84).

## RESULTS

Data on flame spread and smoke developed appears in the following tabulations. Graphs of flame spread versus time and smoke developed versus time are also provided as part of the Test Record.

## Flame Spread Index

The maximum distance the flame spreads along the length of the sample from the end of the igniting flame is determined by observation.

The Flame Spread Index (FSI) of the material is determined by rounding the Calculated Flame Spread (CFS) as described in UL 723. The CFS is derived by calculating the area under the flame spread distance (ft.) versus time (min) curve, ignoring any flame front recession, and using one of the calculation methods as described below.

1. If the total area ( $A_T$ ) is less than or equal to 97.5 min-ft., the CFS shall be 0.515 times the total area ( $FSI=0.515 A_T$ ).
2. If the total area ( $A_T$ ) is greater than 97.5 min-ft., the CFS is to be 4900 divided by 195 minus the total area ( $FSI=4900/(195-A_T)$ ).

Table 1: Flame Spread Summary

Sample Description	Maximum Flame Spread (ft.)	Time of Maximum Flame Spread (min:s)	Calculated Flame Spread (CFS)
Acoustic ceiling tile of galvanized steel coated with polyester powder coating with a <b>zero to 22</b> percent perforation, "System 130". Front face	1.5	1:36	5
Acoustic ceiling tile of galvanized steel coated with polyester powder coating with a <b>zero to 22</b> percent perforation, "System 130". Back face	0.0	0:00	0
Acoustic ceiling tile of galvanized steel coated with polyester powder coating with a <b>zero to 22</b> percent perforation, "System 130". Front face	1.5	1:19	5
Acoustic ceiling tile of galvanized steel coated with polyester powder coating with a <b>zero to 22</b> percent perforation, "System 130". Front face.	2.0	1:17	10

Flame Spread Index	5
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## Smoke Developed Index

The smoke Developed Index is determined by rounding the Calculated Smoke Developed (CSD) as described in UL 723. The CSD is determined by the output of a photoelectric circuit operating across the furnace flue pipe. A curve is developed by plotting values of light absorption (decrease in cell output) against time. The CSD is derived by expressing the net area under the curve for this material as a percentage of the net area under the curve for untreated red oak.

The CSD is expressed as:

$$\text{CSD} = (A_M/A_{ro}) \times 100$$

Where:

CSD=Calculated Smoke Developed

$A_M$ = The area under the curve for the test material

$A_{ro}$ = The area under the curve for untreated red oak

Table 2: Smoke Developed Summary

Sample Description	CSD Calculated Smoke Developed
Acoustic ceiling tile of galvanized steel coated with polyester powder coating with a <b>zero to 22</b> percent perforation, "System 130". Front face	40
Acoustic ceiling tile of galvanized steel coated with polyester powder coating with a <b>zero to 22</b> percent perforation, "System 130". Back face	35
Acoustic ceiling tile of galvanized steel coated with polyester powder coating with a <b>zero to 22</b> percent perforation, "System 130". Front face.	50
Acoustic ceiling tile of galvanized steel coated with polyester powder coating with a <b>zero to 22</b> percent perforation, "System 130". Front face	35

Smoke Developed Index	40
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TEST RECORD NO. 7

The Applicant requested to add

Acoustic ceiling tile of a galvanized steel coated with polyester powder coating with a zero to 22 percent perforation, "System 150",

Acoustic ceiling tile of a galvanized steel coated with polyester powder coating with a zero to 22 percent perforation, "System 170",

Acoustic ceiling tile of a galvanized steel coated with polyester powder coating with a zero to 22 percent perforation, "System 200",

Acoustic ceiling tile of a galvanized steel coated with polyester powder coating with a zero to 22 percent perforation, "System 330",

Acoustic ceiling tile of a galvanized steel coated with polyester powder coating with a zero to 22 percent perforation, "System 600",

Acoustic ceiling tile of a galvanized steel coated with polyester powder coating with a zero to 22 percent perforation, "System 900".

These are alternative type designation for Acoustic ceiling tile of a galvanized steel coated with polyester powder coating with a zero to 22 percent perforation, "System 130". The difference between these systems are the shapes and sizes.

Report by:


Reviewed by:



Stephen Harris  
Staff Engineer  
Building and Life Safety Technology

James.F Smith III  
Senior Engineering Associate  
Fire Protection Division

L2 Mentor



Robert S.Kiefer  
Senior Engineering Associate  
Fire Protection Division

TEST RECORD NO. 8

The Applicant requested to add

Acoustic ceiling tile of a galvanized steel coated with polyester powder coating with a 22% perforation, 0.45mm thick acoustic fleece, "System 150",

Acoustic ceiling tile of a galvanized steel coated with polyester powder coating with a 22% perforation, 0.45mm thick acoustic fleece, "System 170",

Acoustic ceiling tile of a galvanized steel coated with polyester powder coating with a 22% perforation, 0.45mm thick acoustic fleece, "System 200",

Acoustic ceiling tile of a galvanized steel coated with polyester powder coating with a 22% perforation, 0.45mm thick acoustic fleece, "System 330",

Acoustic ceiling tile of a galvanized steel coated with polyester powder coating with a 22% perforation, 0.45mm thick acoustic fleece, "System 600",

Acoustic ceiling tile of a galvanized steel coated with polyester powder coating with a 22% perforation, 0.45mm thick acoustic fleece, "System 900".

These are alternative type designations for Acoustic ceiling tile of a galvanized steel coated with polyester powder coating with a 22% perforation, 0.45mm thick acoustic fleece, "System 130". The difference between these systems are the shapes and sizes

Report by:

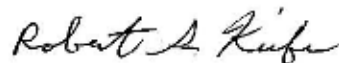
Reviewed by:



Stephen Harris  
Staff Engineer  
Building and Life Safety Technology

James.F Smith III  
Senior Engineering Associate  
Fire Protection Division

L2 Mentor



Robert S.Kiefer  
Senior Engineering Associate  
Fire Protection Division