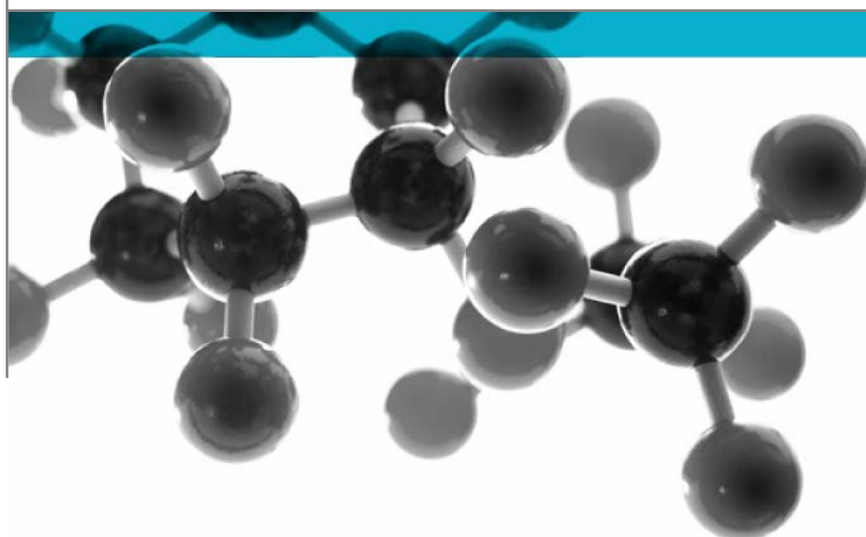


# Class 0 Summary Report



**Including Opinion Of Compliance With The Requirements For A Class 0 Surface As Defined In Paragraph A13(b) Of Approved Document B (Volumes 1 & 2), (2006 Edition) 'Fire Safety' To The Building Regulations 2000**

**Date:** 8<sup>th</sup> March 2019

**Issue No.:** 1

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A Report To: Avery Dennison Materials Belgium

Document Reference: 407727 & 407728

## Executive Summary

**Objective** To assess the results of tests to BS 476:Part 6:1989+A1: 2009 and BS 476:Part 7:1997, obtained on specimens of the following product and to provide an opinion of compliance with the requirements for a Class 0 surface, as defined in Approved Document B to the Building Regulations 2000.



| Generic Description  | Product reference | Thickness | Weight per unit area or density |
|--|-------------------|-----------|---------------------------------|
| Self-adhesive wall covering film adhered to an aluminium substrate                   | None assigned     | 3.28mm*   | 7.80kg/m <sup>2</sup> *         |
| <b>Individual components used to manufacture composite:</b>                          |                   |           |                                 |
| Self-adhesive film   | "JT 8700 WG-PG"   | 90µm      | 150g/m <sup>2</sup>             |
| Substrate  | "Aluminium"       | 3mm       | 2710kg/m <sup>3</sup>           |
| *determined by Warringtonfire  |                   |           |                                 |
| Please see page 5 of this test report for the full description of the product tested |                   |           |                                 |

**Test Sponsor** Avery Dennison Materials Belgium, Bld. Kennedy Z.I. Zone B, 7060 – Soignies, Belgium

**Opinion:** We consider the results of the tests to BS 476:Part 6:1989+A1: 2009 and BS 476:Part 7: 1997, demonstrate that the product, as tested, complies with the requirements for Class 0, as defined in paragraph A13(b) of Approved Document B, 'Fire Safety', to the Building Regulations 2000.

**Date of Test** 2<sup>nd</sup>, 11<sup>th</sup> and 19<sup>th</sup> February 2019

## Signatories

  
Responsible Officer  
T. Mort \*  
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Authorised  
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\* For and on behalf of Warringtonfire.

Report Issued: 8<sup>th</sup> March 2019

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## Test Details

### Terms Of Reference

To assess the results of tests to BS 476:Part 6:1989+A1: 2009 and BS 476:Part 7:1997, obtained on specimens of a product and to provide an opinion of compliance with the requirements for a Class 0 surface, as defined in Approved Document B to the Building Regulations 2000.

### Introduction

Specimens of a product have been tested in accordance with the test methods specified in BS 476: Part 6: 1989+A1: 2009 'Method of test for fire propagation for products' and BS 476: Part 7: 1997 'Method of test to determine the classification of the surface spread of flame of products'. The results of the tests are fully reported in the [Warringtonfire](#) test reports No's. 407727 and 407728.

This summary test report has been prepared at the request of the sponsor and relates the results of the tests to the requirements for a Class 0 surface of a material or composite product, as defined in paragraph A13(b) of Approved Document B, 'Fire Safety', to the Building Regulations 2000.

This summary should be read in conjunction with, and not accepted as a substitute for, the [Warringtonfire](#) test reports No's. 407727 and 407728. Those test reports may include additional information which may be relevant to the assessment of the potential fire hazard of the product.

### Face subjected to tests

The specimens were mounted in the test positions such that the film face was exposed to the heating conditions of the tests.

### Results of test

The following results were obtained for the specimens, which were tested.

#### BS 476: Part 6: 1989+A1: 2009

|                           |   |     |
|---------------------------|---|-----|
| Fire propagation index, I | = | 0.1 |
| subindex, $i_1$           | = | 0.1 |
| subindex, $i_2$           | = | 0.0 |
| subindex, $i_3$           | = | 0.0 |

#### BS 476: Part 7: 1997

Class 1 surface spread of flame

The test results relate only to the behaviour of the test specimens of the product under the particular conditions of the test, they are not intended to be the sole criterion for assessing the potential hazard of the product in use.

## Description of Test Specimens

The description of the specimens given below has been prepared from information provided by the sponsor of the test. This information has not been independently verified by Warringtonfire. All values quoted are nominal, unless tolerances are given.

|  |                              |  |   |                                |
|--|------------------------------|--|---|--------------------------------|
| General description                        |                              | Self-adhesive wall covering film adhered to an aluminium substrate |   |                                |
| Thickness of overall composite             |                              | 3.28mm (determined by <a href="#">Warringtonfire</a> )             |   |                                |
| Weight per unit area of overall composite  |                              | 7.80kg/m² (determined by <a href="#">Warringtonfire</a> )          |   |                                |
| Self-adhesive film                         | Product reference            |  | “JT 8700 WG-PG”                             |                                |
|  | Name of manufacturer         |  | AVERY DENNISON MATERIALS BELGIUM            |                                |
|  | Overall thickness            |  | 90µm  |                                |
|  | Overall weight per unit area |  | 150g/m²                                     |                                |
|  | Film                         | Generic type   |   | Polyvinyl chloride ( PVC) film |
|  |                              | Product reference  |   | “White Gloss”                  |
|  |                              | Name of manufacturer   |   | See Note 1 below               |
|  |                              | Thickness  |   | See Note 1 below               |
|  |                              | Density  |   | See Note 1 below               |
|  |                              | Colour reference   |   | “White”                        |
|  |                              | Flame retardant details  |   | See Note 2 below               |
|  | Vinyl                        | Generic type   |   | See Note 3 below               |
|  |                              | Product reference  |   | See Note 3 below               |
|  |                              | Name of manufacturer   |   | See Note 3 below               |
|  |                              | Thickness  |   | See Note 3 below               |
|  |                              | Density  |   | See Note 3 below               |
|  |                              | Colour reference   |   | See Note 3 below               |
|  |                              | Flame retardant details  |   | See Note 3 below               |
|  | Adhesive                     | Generic type   |   | Acrylic                        |
|  |                              | Product reference  |   | “Permanent Grey”               |
|  |                              | Name of manufacturer   |   | See Note 1 below               |
|  |                              | Application rate / thickness                                       |   | See Note 1 below               |
|  |                              | Application method   |   | Pressure sensitive             |
| Flame retardant details                    |                              | See Note 2 below   |   |                                |
| Curing process                             |                              | See Note 1 below   |   |                                |
| Substrate                                  | Product reference            |  | “Aluminium”                                 |                                |
|  | Generic type                 |  | Aluminium                                   |                                |
|  | Name of supplier             |  | S.A. Joinery                                |                                |
|  | Overall thickness            |  | 3mm   |                                |
|  | Density                      |  | 2710kg/m³                                   |                                |
|  | Flame retardant details      |  | The substrate is inherently flame retardant |                                |
| Brief description of manufacturing process |                              | PVC film coated on one side with acrylic adhesive                  |   |                                |

**Note 1. The sponsor of the test was unwilling to provide this information.**

**Note 2. The sponsor of the test has confirmed that no flame retardant additives were utilised in the production of the component.**

**Note 3. The sponsor of the test was unable to provide this information.**

## Classification

### Opinion

We consider the results of the tests detailed above demonstrate that the product, as tested, complies with the requirements for Class 0, as defined in paragraph A13(b) of Approved Document B, 'Fire Safety', to the Building Regulations 2000.

### Validity of opinion

This opinion is based on the requirements of the Building Regulations at the date of this report. If the Building Regulations are revised or amended in any way subsequent to that date, care must be taken to ensure that this opinion is not invalidated by those revisions or amendments.

The opinion has been formulated on the assumption that the specimens are representative of the product in practice. **Warringtonfire** was not involved in any sampling or selection procedures which would confirm this or in any audit testing which would provide confidence in the consistency of the product in the tests.

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## Revision History

|                      |                |
|----------------------|----------------|
| Issue No :           | Re-issue Date: |
| Revised By:          | Approved By:   |
| Reason for Revision: |                |

|                      |                |
|----------------------|----------------|
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| Reason for Revision: |                |