

1. INTRODUCTION

This document defines the reaction to fire classification of a 'Corian® Solid Surface Sheeting' according to EN 13501-1: Fire classification of construction products and building elements, Part 1 Classification using data from reaction to fire tests.

2. APPLICANT

The request for this classification evaluation was submitted by:

DuPont De Nemours (Belgium) NV
Corian Department
Antoon Spinoystraat 6
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3. PRODUCT

The products that are the subject of this consideration are, CORIAN® SOLID SURFACE SHEETING, manufactured by E. I. du Pont de Nemours and Company, Buffalo, New York, United States of America, having a total thickness of between 6mm and 12.3mm ($\pm 0.7\text{mm}$), and a total density of between 1645kg/m³ and 1770kg/m³. The CORIAN® sheets were bonded to one face of a 12.5mm thick plasterboard substrate utilising "Corian®" silicone sealant

The sponsor stated that "Corian®" comprises polymethylmethacrylate resin, pigments and mineral fillers.

'Corian® Solid Surface Sheeting'

4. CLASSIFICATION

In accordance with the procedures given in EN 13501-1, the above product has been classified as follows:

C - s1, d0

5. FIELD OF APPLICATION

The stated performance given in this document is limited to the product listed in 3 above in the following configuration and dimensions:

Property/variation	Allowable variation from tested construction
Thickness	Between 6mm and 12.3mm ($\pm 0.7\text{mm}$)
Density	Between 1645kg/m ³ and 1770kg/m ³
Colour	Any colour variation allowed
Substrate	Substrates with a fire performance of A2 or better.
Adhesive	Corian® silicone sealant only

6. FIRE PERFORMANCE DATA

The evidence used in support of this application is contained in the following document(s), copies of which may be obtained from the applicant:

Laboratory	Document Reference No	Test Description	Test Date	Sponsor
WFRC	WARRES 128274, 128277, 130651, 130652, 130653, 130654	EN 13823	06/11/2002	DuPont Corian
WFRC	WARRES 128424, 128422, 130655, 130656, 130657, 130658	EN ISO 11925-2	08/01/2003	DuPont Corian

7. EXPIRY

This classification document is subject to a period of validity after which it expires and cannot be used in support of claims made for the products/materials/constructions covered. The period of validity is governed by the dates of expiry of the test reports used in support of the classification, or five years, which ever is the sooner. Please refer to the notified body that produced this classification document for extending the period of validity further.

The validity for this classification is as follows:

Classification Doc. No: ES131025	Issued: 28-03-2003	Expires: 28-03-2008
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Note:

The format of this report is the subject of discussion within Member States of the European Union with a view to harmonisation. WFRC reserve the right to reissue this summary report should a new format be agreed.

SIGNED



Leigh Hill
Technical Officer
Technical Department

APPROVED



Janet Murrell
Technical Manager
Technical Department
on behalf of
Warrington Fire Research Centre

Notified Body No: 0833