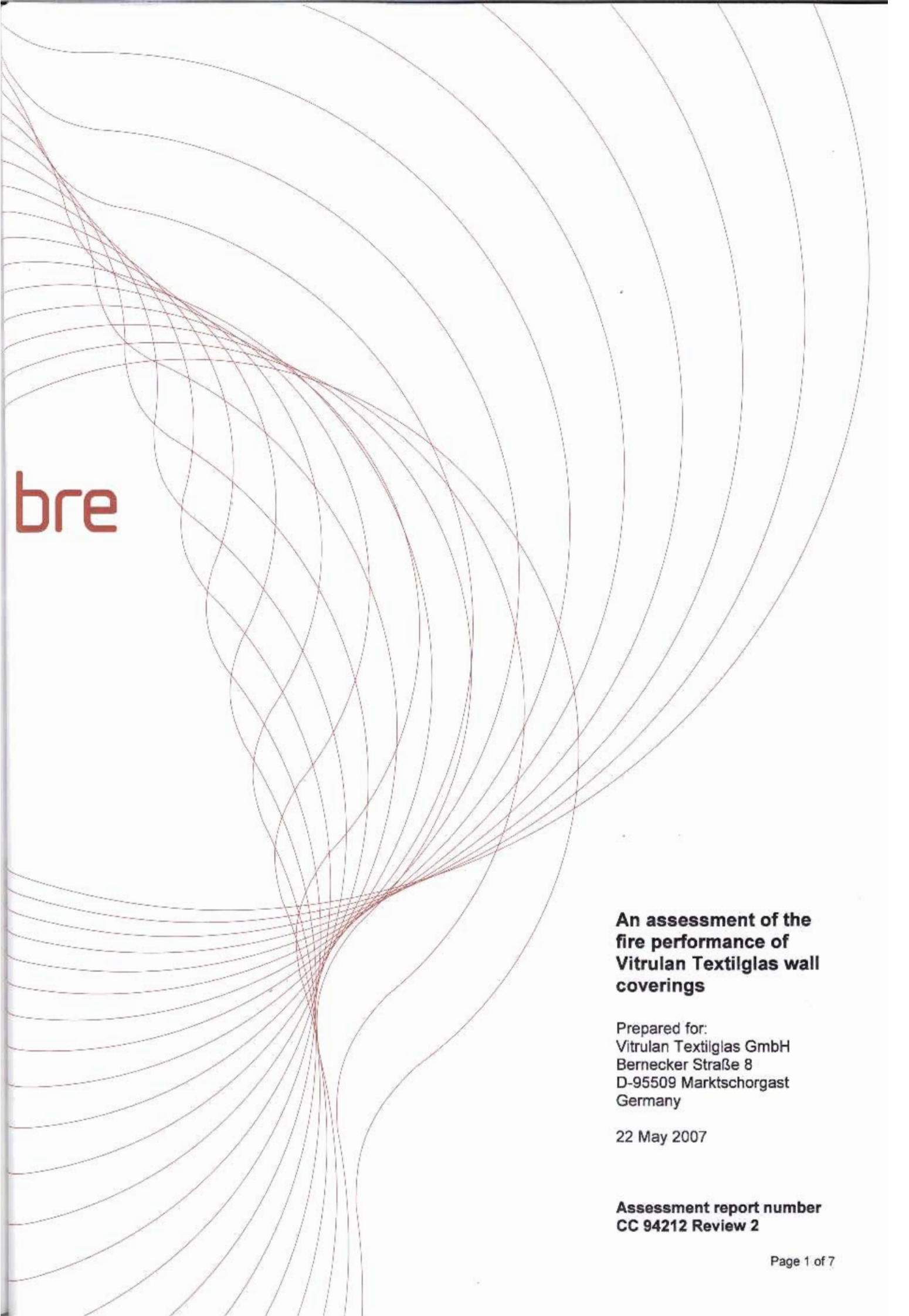

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An assessment of the fire performance of Vitrulan Textilglas wall coverings

Prepared for:
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22 May 2007

Assessment report number
CC 94212 Review 2

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Date 22/5/07

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Date of original report 17 January 2000

Date of this review report 22 May 2007

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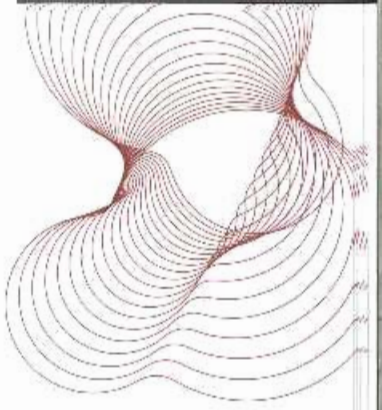
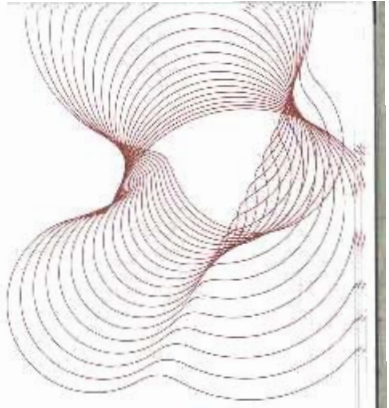


Contents

1	Introduction	4
2	Scope	4
3	Supporting Data	4
4	Description of Wall Coverings	5
5	Assessment	5
6	Conclusion	5
7	Validity of the Assessment	6
7.1	Declaration by Applicant	6
7.2	BRE Testing Declaration	6



1 Introduction

Large scale surface spread of flame tests and fire propagation tests have been carried out on Vitrulan Textilglas wall coverings when mounted on a non-combustible substrate. This report describes the assessment that has been carried out to extend the results of the tests to other weights of wall coverings within the Textilglas range.

2 Scope

This assessment covers the reaction to fire performance of a range of Vitrulan Textilglas wall coverings in terms of the large scale surface spread of flame test, BS 476: Part 7: 1997, and the fire propagation test, BS 476: Part 6: 1989.

3 Supporting Data

This assessment is based on supporting test data which is more than five years old. This supporting data has therefore been reviewed against current test procedures.

Three reaction to fire tests in accordance with either BS 476: Part 6: 1989 or BS 476: Part 7: 1997 have been carried out on the Vitrulan Textilglas wall coverings as well as one indicative test. The samples tested were either the light fabric (120g/m^2) or the heavy fabric (280g/m^2). The results of the tests were as follows:

Test No.	Test	Wall covering	Result Part 7	Result - Part 6			
				I	i_1	i_2	i_3
TE 93779	Part 6	Light 120g/m^2	-	3.2	1.4	1.1	0.7
TE 93685	Part 6	Heavy 280g/m^2	-	3.8	1.7	1.6	0.5
TE 93687	Part 7	Heavy 280g/m^2	Class 1	-	-	-	-
TE 93688	Indic Pt 7	Light 120g/m^2	Class 1	-	-	-	-

Each test specimen was adhered to 10mm-thick non-combustible board with Palm G glue and finished with Elegant Vaggfarg paint. See LPC test reports TE 93779, TE 93685, TE 93687 and TE 93688 for full details.

4 Description of Wall Coverings

The other Vitrulan Textilglas wall coverings being considered in this assessment are the same as the samples tested but with fabric weights in the range from 120g/m^2 to 280g/m^2. The wall coverings are suitable for use on non-combustible substrates and are bonded to the substrate and finished in the same way as for the test samples.

5 Assessment

The programme of fire tests, listed in section 3 of this report, was developed to cover the minimum and maximum weights of the wall coverings. On the surface spread of flame tests to BS 476: Part 7 the maximum flame spread was 50mm, which is well within the Class 1 limit of 165mm. In the fire propagation tests to BS 476: Part 6 the indices of performance were low.

Under the UK national building regulations, products which achieve a Class 1 surface spread of flame to BS 476: Part 7 and fire propagation indices of performance $I \leq 12$ and $i_1 \leq 6$, satisfy the Class 0 requirements of the regulations. Therefore the Vitrulan Textilglas wall coverings, mounted on a non-combustible substrate, also satisfy the Class 0 requirements of the regulations.

6 Conclusion

Therefore it is our opinion that the Vitrulan Textilglas wall coverings with weights between 120g/m^2 and 280g/m^2 mounted on a non-combustible substrate, as described in this report, will achieve a Class 1 surface spread of flame in accordance with BS 476: Part 7: 1997 and fire propagation indices of performance $I \leq 12$ and $i_1 \leq 6$ in accordance with BS 476: Part 6: 1989 and that therefore the wall coverings also meet the requirements for a Class 0 surface in accordance with the UK national building regulations.

7 Validity of the Assessment

7.1 Declaration by Applicant

- We the undersigned confirm that we have read and complied with the obligations placed on us by the UK Fire Test Study Group Resolution No. 82 : 2001.
- We confirm that the component or element of structure, which is the subject of this assessment, has not to our knowledge been subjected to a fire test to the Standard against which this assessment is being made.
- We agree to withdraw this assessment from circulation should the component or element of structure be the subject of a fire test to the Standard against which this assessment is being made.
- We are not aware of any information that could adversely affect the conclusions of this assessment.
- If we subsequently become aware of any such information we agree to cease using the assessment and ask BRE Testing to withdraw the assessment.

Signed: _____

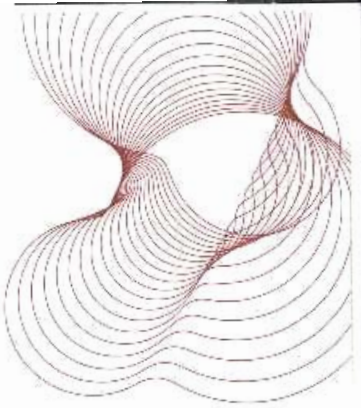
For and on behalf of: VITRULAN TEXTILGLAS GMBH BERNECKER STRASSE 8 95509 MARKTSCHORGAST

7.2 BRE Testing Declaration

This assessment was reviewed on 22 May 2007. We have received written confirmation from Vitrulan Textilglas GmbH that there have been no changes in the specification of their wall coverings since the original date of the assessment. There have been no changes in the fire test procedures or methods of assessment, which would adversely affect the fire performance of the wall coverings. We are therefore satisfied that the validity of this assessment may be extended for a further five years.

This assessment is based on test data, experience and the information supplied. If contradictory evidence becomes available to BRE Testing the assessment will be unconditionally withdrawn and the applicant will be notified in writing. Similarly the assessment is invalidated if the assessed construction is subsequently tested since actual test data is deemed to take precedence over an expressed opinion. The assessment is valid for a period of five years after which it should be returned for review to consider any additional data, which has become available or any changes in the fire test procedures. Any changes in the specification of the product will invalidate this assessment.

This assessment has been carried out in accordance with Fire Test Study Group Resolution No. 82. It relates to the fire performance of the product and does not cover aspects of quality, durability, maintenance nor service requirements. This assessment relates only to the specimen(s) assessed and does not by itself infer that the product is approved under any Loss Prevention Certification Board approval or certification scheme or any other endorsements, approval or certification scheme.



Next review date: 22 May 2012

This assessment report is not valid unless it incorporates the declaration duly signed by the applicant.

==========REPORT ENDS==========