

INITIAL TYPE TEST REPORT
relating to Constructions Products as Notified Body 0120

Manufacturer:	Bioclad Ltd				
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EN 13245-2:2008

Plastics — Unplasticized poly(vinyl chloride) (PVC-U) profiles for building applications
Part 2: PVC-U profiles and PVC-UE profiles for internal and external wall and ceiling finishes

SGS United Kingdom Ltd. was commissioned to provide an Initial Type Test for Bioclad Ltd who is the manufacturers of PVC cladding.

The standard requires the Notified Body to undertake the Reaction to fire (Classes A1*, A2*, B*, C*) for products for which a clearly identifiable stage in the production process results in an improvement of the reaction to fire classification (e.g. an addition of fire retardants or a limiting of organic material).

GUIDANCE PAPER M (concerning Council Directive - 89/106/EEC (CPD)) CONFORMITY ASSESSMENT*) UNDER THE CPD: Initial type-testing and Factory production control (final text April 2005) issued by EUROPEAN COMMISSION ENTERPRISE AND INDUSTRY DIRECTORATE-GENERAL on the 4 May 2005 allows

3.3. Previously existing data: test results following the provisions of the product technical specification, obtained before it was in force (i.e. the start of the coexistence period of a harmonised product standard or ETAG) and/or before the third party involved in attestation tasks was formally notified to the EC for the relevant attestation tasks included in the harmonised technical specification.

A test report for product supplied by:

BioClad Ltd, Unit 1, Greengate, Cardale Park, Harrogate, HG3 1GY, United Kingdom

The details of the report are given below.

<p>700 ± 100 Kg/m³ nominal density calcium silicate board, thickness 12.5 ± 0.5 mm and Euroclass A2 –s1,d0.</p> <p>PVC foil is attached with two-component polyurethane adhesive used with 225 g/m²</p> <p>PVC thickness: 1-3 mm</p> <p>Colour: white</p>	<p>ÉMI Építésügyi Minőségellenorzo Innovációs Nonprofit Kft.</p> <p>Diószegi út 37, 1113 Budapest, Hungary</p> <p>Report O-4/2015 dated 20/03/15</p>
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<p>EN ISO 11925-2:2010</p> <p>Reaction to fire tests. Ignitability of products subjected to direct impingement of flame. Single-flame source test</p>	<p>Fs_{≥ 150mm} = No</p> <p>Filter paper ignited = No</p>														
<p>EN 13823:2010</p> <p>Reaction to fire tests for building products. Building products excluding floorings exposed to the thermal attack by a single burning item</p>	<table border="0"> <tr> <td>FIGRA_{0.2MJ}</td> <td>97.02 W/S</td> </tr> <tr> <td>FIGRA_{0.4MJ}</td> <td>94.96 W/S</td> </tr> <tr> <td>THR_{600 s}</td> <td>4.866 MJ</td> </tr> <tr> <td>SMOGRA</td> <td>83.28 m²</td> </tr> <tr> <td>TSP_{600 s}</td> <td>328.21m²</td> </tr> <tr> <td>LFS = edge of the specimen</td> <td>No</td> </tr> <tr> <td>Flaming droplets/particles</td> <td>No</td> </tr> </table>	FIGRA _{0.2MJ}	97.02 W/S	FIGRA _{0.4MJ}	94.96 W/S	THR _{600 s}	4.866 MJ	SMOGRA	83.28 m ²	TSP _{600 s}	328.21m ²	LFS = edge of the specimen	No	Flaming droplets/particles	No
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This resulted in Fire Classification of B- s3,d0 according to EN 13501-1:200707+A1:2010

This is the second SGS ITT report issued to Bioclad Ltd. and the initial Factory Production Control audit took place on the 5 June 2013 and certificate GB13/90083 was issued.