



CLIENT: CO-EX Corporation
5 Alexander Drive
Wallingford, CT 06492

Test Report No: 177:014610-04

Date: August 14, 2008

The following sample was submitted by the Client as: **Macrolux Longlife 16mm, 5 wall, weight 2.7 kg/m²**

DATE OF RECEIPT: August 8, 2008

TESTING PERIOD: August 11, 2008

AUTHORIZATION: Check Number 24319.

TEST REQUESTED: The submitted sample was tested for Rate of Burning and/or extent of time of burning of plastics in a horizontal position in accordance to procedures outlined in ASTM D635-06.

TEST RESULTS: Please see following pages of this report.

PREPARED BY:

**Arthur D. Fiorino, Senior Technician
Fire Technology**

**SIGNED FOR AND ON BEHALF OF
SGS U.S. TESTING COMPANY INC.**

**Dominick Lepore, Manager
Building Materials and Products**

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RESULTS:

Sample: Macrolux Longlife 16mm, 5 wall, weight 2.7 kg/m2

Specimen #	Dimensions mm.	Burning Time (t) sec.	Burning Length (l) mm.	Burn Rate (V) mm/min.
1	125 x 16 x 13	----	----	C.T.B.
2	125 x 16 x 13	----	----	C.T.B.
3	125 x 16 x 13	----	----	C.T.B.
4	125 x 16 x 13	----	----	C.T.B.
5	125 x 16 x 13	----	----	C.T.B.
6	125 x 16 x 13	----	----	C.T.B.
7	125 x 16 x 13	----	----	C.T.B.
8	125 x 16 x 13	----	----	C.T.B.
9	125 x 16 x 13	----	----	C.T.B.
10	125 x 16 x 13	----	----	C.T.B.
Avg.	125 x 16 x 13	----	----	C.T.B.

*Ceased to reach 25 mm reference mark.

Observations: All specimens had burning characteristics of charring and melting.

The cc rating in accordance with the International Building Code for this material is CC1.

End of Report