

BOARD OF  
BUILDING AND SAFETY  
COMMISSIONERS

MARSHA L. BROWN  
PRESIDENT

VAN AMBATIELOS  
VICE-PRESIDENT

VICTOR H. CUEVAS  
HELENA JUBANY  
ELENORE A. WILLIAMS

CITY OF LOS ANGELES  
CALIFORNIA



ANTONIO R. VILLARAIGOSA  
MAYOR

DEPARTMENT OF  
BUILDING AND SAFETY  
201 NORTH FIGUEROA STREET  
LOS ANGELES, CA 90012

RAYMOND S. CHAN, C.E., S.E.  
INTERIM GENERAL MANAGER

Ultraflex Systems, Inc.  
1578 Sussex Turnpike Bldg 4  
Randolph, NJ 07871

Attn: Brandi Bessette  
(973) 627-8608

RESEARCH REPORT: RR 25829  
(CSI # 08840)

Expires: November 1, 2010  
Issued Date: November 1, 2009  
Code: 2008 LABC

**GENERAL APPROVAL** – Ultramesh Supreme vinyl sheet for temporary signs, special temporary displays, supergraphics, permanent wall signs and billboards

## DETAILS

Ultramesh Supreme is an approved plastic material. The plastic sheet has flame spread index of 10 and smoke development index of 400.

**This approval is subject to the following conditions:**

1. Plastic sheets shall be identified by manufacturer's name and product designation.
2. Size, location, and use of plastic sheet shall be in accordance with Section 91.2603 of the 2008 Los Angeles City Building Code.
3. The plastic sheets shall be labeled with flame spread index of 10, smoke development index of 400 and plastic classification of CC1. Architectural plans and details of installation shall be submitted to plan check for review and approval.
4. Building permit is required for the use of plastic sheet for temporary signs, special temporary displays, supergraphics, permanent wall signs and billboards. Architectural plans and details of installation shall be submitted to plan check for review and approval.
5. The Fire Department approval is required for plastic sheets on all buildings.

RR 25829  
Page 1 of 2

Ultraflex Systems, Inc.  
RE: Ultramesh Supreme

## DISCUSSION

The report is in compliance with the 2008 Los Angeles Building Code.

Per memo from LAFD to LADBS, dated October 22, 2009, all graphics of this type to be installed or utilized in any manner, on any part of any structure, shall be submitted to the LAFD for plan review. Los Angeles Fire Code Division 15 plan review fees will apply.

The Ultramesh Supreme is classified as CC1 in accordance with UBC standard 26-7.

The approval is based on tests of ASTM E 84-08 and UBC Standard No. 26-6 and 26-7. This material meets the requirements for an approved plastic per 91.6207.1.1 of the 2008 Los Angeles City Building Code.

This general approval of an equivalent alternate to the Code is only valid where an engineer and/or inspector of this Department has determined that all conditions of this approval have been met in the project in which it is to be used.

Addressee to whom this Research Report is issued is responsible for providing copies of it, complete with any attachments indicated, to architects, engineers and builders using items approved herein in design or construction which must be approved by Department of Building and Safety Engineers and Inspectors.



YEUAN CHOU, Chief  
Engineering Research Section  
201 N. Figueroa St., Room 880  
Los Angeles, CA 90012  
Phone - 213-202-9812  
Fax - 213-202-9942

BG: BG  
RR25829/MSWord2003  
R09/01/09  
6C/2603/2602

Attachment: LAFD Memo (1Page)

**CITY OF LOS ANGELES**  
INTER-DEPARTMENTAL CORRESPONDENCE

October 22, 2009

TO: Colin Kumabe, Sr. Structural Engineer

FROM: Fire Department

SUBJECT: FIRE DEPARTMENT APPROVAL OF EXTERIOR GRAPHICS FOR BUILDINGS

The Los Angeles Fire Department will accept all aspects of the Los Angeles Department of Building and Safety Research Report No. RR 25829, (CSI No. 08840), relating to the acceptance of the Ultramesh Supreme vinyl sheet (plastic sheet has flame spread index of 10 and spoke development index of 400) temporary signs, special temporary displays, wall murals, supergraphics, permanent wall signs, and billboards. The Fire Department recognizes the flame spread index and smoke development index established by the 2006 Los Angeles Building Code to be suitable for out-door applications only.

In addition, the Fire Department requires that all graphics (of this type) to be installed, or utilized in any manner, on any part of any structure, be submitted to the Fire Department for plan review. The Los Angeles Fire Code Division 15 plan review fees will apply.

Plan review and approval will focus on public safety issues including, but not limited to, access, egress, and Fire Department ventilation operations during emergency incidents.



Jimmy H. Hill  
Fire Marshal