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LOS ANGELES, CA 90012

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FRANK BUSH
EXECUTIVE OFFICER

Clear Focus Imaging, Inc.
60 Maxwell Court
Santa Rosa, CA 95401

Attn: Judy Bellah
(707) 544-7990

RESEARCH REPORT: RR 25792
(CSI # 08840)

Expires: September 1, 2016
Issued Date: November 1, 2015
Code: 2014 LABC

GENERAL APPROVAL –Renewal – Clear Focus ImageVue®, SuperVue®, and ClassicVue®, perforated, pressure-sensitive window graphics film for temporary signs, special temporary displays, supergraphics, permanent wall signs and billboards.

DETAILS

Clear Focus ImageVue® perforated, pressure-sensitive PVC window graphic film with 65/35 perforation pattern and 1.5-mm holes is an approved plastic material for use in signs. The flame spread index and smoke development index of this graphic film are 0 and 25 respectively.

Clear Focus SuperVue® perforated, pressure-sensitive PVC window graphics film with 50/50 perforation pattern and 2.0-mm holes is an approved plastic material for use in signs. The flame spread index and smoke development index of this graphic film are 0 and 25 respectively

Clear Focus ClassicVue® perforated, pressure-sensitive PVC window graphics film with 50/50 perforation pattern and 1.5-mm holes is an approved plastic material for use in signs. The flame spread index and smoke development index of this graphic film are 10 and 25 respectively.

The approval is subject to the following conditions:

1. The perforated, pressure-sensitive window graphics film shall be identified by manufacturer's name and product designation.
2. Size, location, and use of the perforated, pressure-sensitive window graphics film shall be in accordance with Section 2606 and 6205 of the 2014 Los Angeles City Building Code.

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Clear Focus Imaging, Inc.

RE: Clear Focus ImageVue®, SuperVue®, and ClassicVue®, perforated, pressure-sensitive window graphics film for temporary signs, special temporary displays, supergraphics, permanent wall signs and billboards.

3. The perforated, pressure-sensitive window graphics film shall be labeled with its corresponding flame spread index, smoke development index, and plastic classification, CC1. Architectural plans and details of installation shall be submitted to plan check for review and approval.
4. Fire department approval is required for perforated, pressure-sensitive window graphics film **on all buildings.**

DISCUSSION

The technical modification is to combine research report Nos. RR25817, RR25790, RR25792 into a single report under research report No. RR25792.

The report is in compliance with the 2014 Los Angeles City Building Code.

Per memos from LAFD to LADBS, dated August 17, 2009, November 10, 2009, and September 2, 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 approval is based on tests of ASTM E 84, ASTM D 1929, and ASTM D 635. The materials meet the requirements for an approved plastic per 6207.1.1 of the 2011 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.

Clear Focus Imaging, Inc.

RE: Clear Focus ImageVue®, SuperVue®, and ClassicVue®, perforated, pressure-sensitive window graphics film for temporary signs, special temporary displays, supergraphics, permanent wall signs and billboards.

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.

QUAN NGHIEM, Chief
Engineering Research Section
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Los Angeles, CA 90012
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Fax- 213-202-9943

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RR25792/MSWord2007
R10/03/15
6C/2606.4/6207.1.1

ATTACHMENT: LAFD Memos (3-pages)

CITY OF LOS ANGELES
INTER-DEPARTMENTAL CORRESPONDENCE

August 17, 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 25790 (CSI No. 08840), relating to the acceptance of the Clear Focus Image Vue, a perforate, pressure-sensitive PVC window graphic film for 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

CITY OF LOS ANGELES
INTER-DEPARTMENTAL CORRESPONDENCE

November 10, 2009

TO: Colin Kumabe, Sr. Structural Engineer

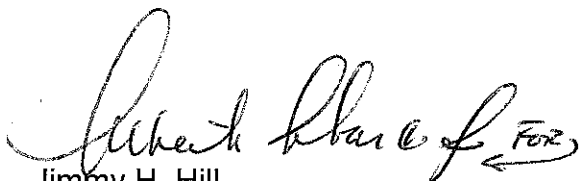
FROM: Fire Department

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 25790, (CSI No. 08840), relating to the acceptance of the Clear Focus SuperVue, a perforate, pressure-sensitive window graphic film for 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.

A handwritten signature in black ink, appearing to read "Jimmy H. Hill" with a stylized flourish at the end that includes the letters "FOR".

Jimmy H. Hill
Fire Marshal

CITY OF LOS ANGELES
INTER-DEPARTMENTAL CORRESPONDENCE

September 2, 2009

TO: Colin Kumabe, Sr. Structural Engineer

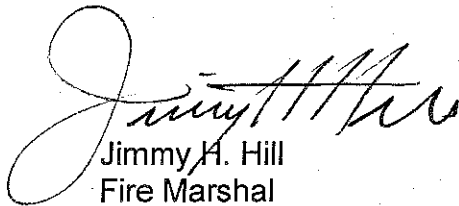
FROM: Fire Department

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 25817, (CSI No. 08840), relating to the acceptance of the Clear Focus Classic Vue ® (perforated, pressure – sensitive window graphics film) 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