



Department of Building

Building Plans Check Division

Mission Statement: "Effectively and progressively provide our customers with a professional and responsive level of service to ensure a safe built environment in Clark County."



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July 3, 1997

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P.O. Box 2429
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GLASBORD RECOGNITION

We have reviewed ICBO ES report number 4583, SGS U.S. Testing report number 740618, Underwriters Laboratories (UL) file R4079 and the May 6, 1992 Factory Mutual (FM) Research report which were submitted to us.

APPROVED PLASTICS

The ICBO ES Report only recognizes these products as approved plastics defined in Section 217 of the 1994 Uniform Building Code (UBC). Based on this recognition, we concur that Glasbord FX and Glasbord P may be used in accordance with approved plastic materials as required by the Uniform Codes. The ICBO ES report has not recognized these products as interior wall and ceiling finishes meeting the requirements of Chapter 8.

INTERIOR WALL AND CEILING FINISH Glasbord Fire-X Plus with Surfaseal

The UL and FM information specifies that Glasbord FX has received a Class I rating in accordance with UBC Standard 8-1 (ASTM E-84). The SGS report specifies that Glasbord FX panels remained firmly attached to the gypsum board substrate when subjected to 300°F for 25 minutes. The water based adhesive used to affix samples to the substrate was not specified. Therefore, Kemlite Glasbord FX interior wall and ceiling panels may be used within the jurisdictional boundaries of Clark County, Nevada, in accordance with the following:

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July 3, 1997

- This product was tested in substantial contact with a non-combustible substrate. ASTM E-84 does not provide a valid comparison for thin materials unless they are installed in the same manner in which they were tested. Therefore, Glasbord FX panels must be adhered to a non-combustible substrate (such as concrete or gypsum board) for both walls and ceilings.
- The adhesive must be in accordance with Kemlite's recommendation and must be the same as used in the SGS U.S. Testing report number 740618.
- Section 803 of the UBC requires hangers and ceiling supports (T-bar ceilings) to be of non-combustible materials. Therefore, fiberglass reinforced plastic ceiling grid systems are not allowed.
- Plastic moldings may be used between Glasbord panels and at panel edges when the panels and moldings are adhered to a non-combustible substrate. This allowance is in accordance with Section 601.5.5 as trim and Section 803 as furring strips. This applies to walls, as well as solid ceilings.
- A copy of this letter and the manufacturers instructions are to be retained on-site during installation.

If there any questions, we may be contacted at (702) 455-3020.

By: Doug Evans
Douglas H. Evans, P.E.
Fire Protection Engineer

MJ:DHE:dlh

cc: John Hall, Fire Department
Greg Franklin, Asst. Mgr. Of Bldg. Inspections
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Reviewed by: MJ