

TECHNICAL BULLETIN



AGENCY AND CODE APPROVALS FOR "LUCITELUX™" SHEET

ICBO® - International Congress of Building Officials

LuciteLux™ acrylic sheet meets the definition of an "Approved Plastic" in the 1991 Code. It was tested per UBC Standards 42-1 (ASTM E-84) for flame spread and UBC 52-2 (ASTM D-2843) for smoke density. Per UBC 42-1 it is a Class CC-2 material. Details are in ICBO report 4900.

LuciteLux™ acrylic sheet has been tested for weathering per the ICBO skylight standard. Manufacturers must perform required mechanical tests.

BOCA® - Building Officials and Code Administrators

LuciteLux™ acrylic sheet meets the specifications of an "Approved Plastic" as outlined in Article 2 and detailed in section 2000.2 of the 1990 Code.

LuciteLux™ acrylic sheet has been tested per ASTM D-635, has a flame spread of less than 2.5 inches per minute and is classified as C-2 with respect to burn rate. It has an auto ignition temperature of greater than 650°F per ASTM D-1929 and smoke density less than 75 per ASTM D-2843 and less than 450 per ASTM E-84.

SBCCI®- Southern Building Code Congress International

LuciteLux™ acrylic sheet meets the Specifications of an "Approved Plastic" as outlined in Chapter 2 of the 1988 code.

LuciteLux™ acrylic sheet has been tested per ASTM D-635 and has a flame spread of less than 2.5 inches per minute and is classified as CC-2 with respect to burn rate. It has an auto ignition temperature of greater than 650°F per ASTM D-1929, smoke density less than 75 per ASTM D-2843 and less than 450 per ASTM E-84.

Federal Specification L-P-391D

LuciteLux™ acrylic sheet meets the requirements of Federal Specification L-P-391D for item A, Type 1, Grade C sheet. This spec. only applies to clear sheet. Color specs and tolerances are not covered by this specification.

ASTM D 4802

LuciteLux™ acrylic sheet meets the requirements of ASTM D 4802 Category A-2, finish 1, Type UVA sheet.

FDA

LuciteLux™ acrylic sheet Clear (NC010) and Black (BK2025) comply with 21CFR, section 177.1010 for use in food contact applications. White and other colors are not FDA compliant.

ANSI Z26.1 - Motor Vehicle Safety Glazing Material

LuciteLux™ acrylic sheet meets the requirements of ANSI Z-26.1, which includes Federal Motor Vehicle Safety Standards 205 and 302 for plastic safety glazing materials for motor vehicles. FMVSS 205 details the locations where plastic safety glazing is allowed in motor vehicles and should be consulted.

ANSI Z-97 - Safety Glazing Material

LuciteLux™ acrylic sheet meets the requirements of ANSI Z-97 for plastic safety glazing. Specific Building codes may further limit the use of plastic safety glazing and should be consulted prior to use. >.079" thickness.

UL - Underwriters Laboratories

LuciteLux™ acrylic sheet in all colors except White 2447 is listed with Underwriters Laboratories and classified as UL 94.

The LuciteLux™ acrylic sheet listing number is E65769 and a UL "Yellow Card" can be furnished upon requests.

The information and recommendations in this publication are, to the best of our knowledge, reliable. Users should perform their own tests to determine the suitability of these products for their own particular purposes. Statements made herein should, therefore, not be construed as representations or warranties. The responsibilities of Lucite International Inc. for claims arising out of breach of warranty, negligence, strict liability, or otherwise is limited to the purchase price of the material. Statements made herein concerning the use of the products or formulations described herein and not to be construed as granting a license to operate under any patent of Ineos Acrylics, Inc. or another, or as recommending the infringement of any patent of Lucite International Inc. or another, and no liability for infringement arising out of any such use is assumed.