

May, 2018

Chemcast quality compliance UL and ASTM norms

Chemcast acrylic sheet meet with several building requirements established on differentbuilding codes.

Flammability UL 94

Chemcast acrylic sheet has an HB classification. Chemcast sheet is listed by UL certificate under file QMFZ2.E220737. This document is available on UL web: www.ul.com

Horizontal Burn Rate (ASTM D 635)

Chemcast acrylic sheet has a CC2 classification. Its typical burning rate is 1.5 inch / minute. CC2 classification applied for plastics materials that have burning rate of 2.5 inch/minute or less.

Flame spread and Smoke density UL-723 (ASTM E 84)

Chemcast acrylic sheet fulfills the requirements established on IBC "International Building Code"

Smoke density:

Chemcast acrylic sheet has a 400 value for Smoke density rating when is tested under ASTM E 84. The maximum value on IBC is 450 maximum.

Flame spread:

Chemcast acrylic sheet has a 140 - 150 typical value for flame spread rating when is tested under ASTM E 84. The value established on IBC for Class III is 200.

ASTM D 4802

Product quality criteria of Chemcast GP are based on the content of ASTM D 4802. Chemcast GP meets the requirements of Category A-1, Finish 1 and contains UV protectors for the protection of acrylic Polymer. Standard LP -391 D is discontinued and was replaced by ASTM D 4802.

Chemcast Technical Department.