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## Chemcast quality compliance UL and ASTM norms

Chemcast acrylic sheet meet with several building requirements established on different building 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](http://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.