

Kaynemaile Mesh Fire Rating Information for the USA

Kaynemaile commissioned an independent fire code & engineering analysis of the USA building codes. This review was completed by the Fire protection dept, Jensen Hughes, USA.

This review identified a total of nine NFPA and ASTM fire tests required for the Kaynemaile Architectural Mesh product to be considered “compliant with the 2015 Edition of the International Building Code (IBC) and NFPA 5000, Building Construction and Safety Code, 2018 Edition”.

This review covered both interior linings and finishings and exterior cladding applications.

Kaynemaile undertook both large and medium scale fire tests at the SWRI facilities in Texas and are proud to announce we have now successfully completed all the identified tests and are compliant with all these standards.

Kaynemaile material and fixing system achieve a **Class A** rating.

Detailed information on the tests completed is below:

Mesh Performance Testing—KML22 65-FR

Test	Result
USA	
NFPA 285	Pass, meets standard criteria
NFPA 286	Pass, meets standard criteria (Class A)
NFPA 268	Pass, meets standard criteria
NFPA 701	Pass
Conforming with section 803.12 stability at 200°F	Meets standard criteria
LIGHT TRANSMITTING PLASTICS	
ATSM E84-19 Flame Spread Index (FSI): 5 Smoke Developed Index (SDI): 350	Class A
ASTM D 635	Classified HB and Class CC1
ASTM D 1929 Self-Ignition Temperature	968°F (520°C)
ASTM D 1929 Flash Ignition Temperature	842°F (450°C)
ASTM D 2843 Smoke Density Rating	70.9

Disclaimer: It is the Buyer’s responsibility to ensure that the Products are used in compliance with all building, fire codes, standards and laws. Kaynemaile shall have no responsibility whatsoever for any such compliance obligations (or any non-compliance).



PHONE: NZ +64 4 473 4989
 AU Toll Free 1800 231 153
 USA Toll Free 1855 387 5440

EMAIL: sales@kaynemaile.com
www.kaynemaile.com