



Kladfix Ltd Aluminium Rainscreen Systems (brackets and rails) Performance in fire

- ▶ **KLADFIX rainscreen cladding support brackets and rails are made of non-combustible, sustainable aluminium, which does not burn. It remains structurally intact to about 250 degrees Centigrade and melts only at around 660 degrees Centigrade.**
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KLADFIX cladding brackets are made of aluminium EN AW-6063 T6 (brackets are EN AW-6005a T6) and comply with BS EN 755 as well as the common regulations for ventilated façades in Europe.

Aluminium is significantly less responsive to heat than steel. Around double the amount of heat is required to bring aluminium up to a certain temperature than is required by steel. Where an aluminium structure is exposed to the heat of a fire, the relatively high thermal conductivity enables the heat to be rapidly conducted away from the exposed area. Aluminium also has high reflectivity, of around 80-90%, assisting in prolonging the endurance of a building on fire.

Further information can be found at www.kladfix.com and www.alfed.org.uk
