



MECHSLIP
REAL BRICK. REAL POSSIBILITIES.



IBSTOCK | KEVINGTON

an IBSTOCK plc company

Mechslip Brick Cladding is fully compliant with Building Regulations in high-rise construction projects, for complete peace of mind.

If you are an architect, developer or contractor involved the construction of high-rise residential, student accommodation or hospital buildings; you will already know that regulations were laid on 29 November amending the Building Regulations to give legal effect to a ban on using combustible materials.

The new regulation requires that materials (in new building work or material alterations) which become part of an external wall must achieve European Classification A2-s1, d0 or A1 (classified in accordance with BS EN 13501-1:2007+A1:2009).

In order to obtain this classification, the product needs to have been tested by a certified independent laboratory to EN 13823. The results of the EN 13823 test confirm the Fire Growth Index Rate (FIGRA),

Lateral Flame Spread (LFS) and Total Heat Release (THR600s). Additional classification parameters are defined for Smoke Growth Rate Index (SMOGRA), Total Smoke Production (TSP600s) and for flaming droplets/particles.

Further to the SBI test to classify a product as being of non/limited combustibility (A1/A2 rating) each individual component or layer must be tested to either EN 1716 or EN 1182. EN 1182 confirms that products are non-combustible by a specimen being ground and burnt. EN 1716 determines the potential maximum total heat release of a product when burned completely by calculating the Gross Calorific Potential (PCS) in either MJ/kg or MJ/m².

Mechslip has been classified by UKAS Accredited Laboratory Warringtonfire, and carries certification to prove that the complete system, with extended field of application, is rated A1 Non-Combustible according to BS EN 13501-1:2007+A1:2009.

Want to know more, or see the details of Mechslip's fire performance certification?

[Log in to the user area of our website.](#)

Or contact us:

0844 800 4576

sales@mechslip.co.uk

