

"No-where in the world are the standards good enough yet. We need to develop more robust fire safety codes for buildings, implement more vigorous performance-based testing of construction materials and ensure these standards are enforced," says Albiac.

In the UAE, the government is in the process of updating building regulations with discussions focusing on the restriction of combustible material on facades on buildings above a certain height and with large populations of people.

In Europe, Fire Safe Europe and its partners, including Knauf Insulation, are calling for a holistic, coordinated approach to these issues through the implementation of a European Union Fire Safety Strategy.

This would include harmonised fire tests and classification schemes for façade systems across all EU countries based on test methods at the appropriate scale and representing all possible risk scenarios. We are also calling for the future-proofing of tests to allow for any future material innovations (see story below). At present, Europe is a patchwork of different fire testing requirements and this is not only bad news for safety but also goes against the principles of the internal market in which the free movement of goods, services, capitals and persons should be assured.

Barry Lynham, President of Fire Safe
Europe, says: "Many European countries
have already taken measures to ensure
that non-combustible insulation must
be used on the facades of buildings above
a certain height or designed to a certain
use. It's common sense and we fully
support this approach in other parts of
the world."

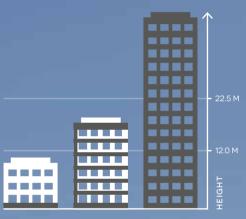
At country level we are working with regulators to develop and update fire safety standards that make sense for the buildings in that country. We have worked closely with government and fire protection organisations in Slovakia, Serbia and the Czech Republic to strengthen their building codes. In Slovakia, the Association of Preventative Fire Safety along with other interested parties has drawn up proposals to introduce more fire safe materials during the renovation of existing buildings.

on Croatia, following campaigns by groups such as the Croatian Association of Fire Protection, it is now mandatory to install non-combustible external insulation after a height of 11 metres in all new buildings and those being renovated.

In Germany, following a series of high profile facade fires, the Deutsches Institut für Bautechnik (DIBt), that provides technical advice to the German government, has recognised the risk to facades from fires started from the outside of a building, and has subsequently tightened the rules.

"These are striking first steps and offer vital contributions to better, safer buildings, but it is time more and more policy makers followed these examples and took the action required to make our built environment safer," says Lynham. "It's time to work together to build a fire safe world"

THE CASE OF MANDATORY INSTALLATION OF FIRE BARRIERS IN CZECH REPUBLIC



NON-COMBUSTIBLE EXTERNAL INSULATION

Height of safety

A Fire Safe Europe study of fire regulations for two types of highrise building – hospitals and residential blocks – found major inconsistencies across 11 European countries in regulations covering insulation products used in facades. Although most countries insisted on non-combustible or the highest combustible class, Sweden and the UK allowed exceptions to this if the facade system passed a national large-scale facade fire test. However, in Belgium, Greece and The Netherlands there were no fire performance requirements for insulation products in facades.

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