



# JOTUN

Jotun Protects Property



**SHOW THE  
STRENGTH  
OF YOUR BUILDING.**

***SteelMaster***

Extending fire protection



# FIRE PROTECTION THAT BRINGS OUT THE BEAUTY OF YOUR STEEL DESIGN

Expressing steel as an architectural feature can be an intrinsic part of modern architecture. The structure can be the hero.

Form and function work together in tandem to create architecture that can, quite literally, **show its strength.**





## SHOW YOUR STRENGTH

With steelwork being brought to life as a feature of the building, SteelMaster intumescent paint can be applied to offer excellent levels of fire protection **without the need for boxing in or using less aesthetically pleasing cementitious coverings.**



The SteelMaster range of intumescent coatings has been extensively and independently tested.

## PROTECTION WHEN IT MATTERS MOST

Modern legislation dictates that buildings are designed with fire protection systems to help save lives and reduce the risk of structural collapse. So naturally, everyone involved in the design and construction of a building has a responsibility to increase the quality of fire protection using the correct practices and the best products.

The most common building materials lose their strength when exposed to fire. Concrete cracks and spalls. Wood is flammable and turns to char. Obviously, steel does not burn, but it loses its structural integrity, depleting strength at temperatures above 400°C. When on fire, this temperature level can be reached in a matter of minutes. SteelMaster offers fire protection to inhibit the failure of these construction materials for up to three hours, saving the structure of the building and ultimately saving lives in the process.



## THE WORLD CHOICE IN COATINGS AND SYSTEMS

Decades of industry experience in fire protection systems and products make SteelMaster intumescent coatings amongst the most advanced in the world, protecting structural steel against cellulosic fire for up to 180 minutes.

As a leading global manufacturer of coatings, Jotun is the single source for primer, intumescent coatings and topcoats. With thousands of colour choices of topcoat, with different gloss levels and finishes, Jotun provides comprehensive and effective solutions to meet the demands of your project.

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## RIGOROUSLY TESTED

There are different industry fire standards in different countries, affecting structures and assets, presenting a unique set of challenges that PFP coatings must comply with.

The SteelMaster range of intumescent coatings has been extensively and independently tested to meet the strictest industry standards worldwide, simulating real conditions of weathering, with applied loads and temperature extremities in typical local environmental conditions.

Regulation and certification not only applies to the finished product applied to your structure but the entire process; from raw materials to manufacture to logistics. This ensures that the end product is the same high quality certified intumescent, across the globe, giving you the full confidence that long-lasting fire performance is assured anywhere, even in the most severe conditions. With Jotun, you can expect the very best.

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Jotun's Green Building Solutions provide specifiers and building owners worldwide with approved systems ranging from decorative paints and architectural powder coatings to fireproofing and protective coatings that are independently tested and deemed as compliant to the most stringent green building certification standards, including LEED and BREEAM.

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## **THE REACTIVE FIRE PROTECTION SYSTEM**

Jotun thin film intumescent coatings are specifically formulated to provide a chemical reaction upon heating, changing physical form to provide fire protection through a thermal insulation and cooling effect.

**These economic coating systems are an excellent option for areas of buildings demanding a finish with strong aesthetics.**



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**Jotun A/S**  
P.O. Box 2021  
N-3202 Sandefjord, Norway  
Tel: +47 33 45 70 00  
[jotun.com](http://jotun.com)

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**p** 0800 508 800 **e** [info@zone.net.nz](mailto:info@zone.net.nz) **w** [zone.net.nz](http://zone.net.nz)

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