

Press release

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Hempel launches Hempafire Pro 400 optimised for 90 minutes of cellulosic fire protection

World-leading coatings manufacturer Hempel today launched Hempafire Pro 400, a new passive fire protection coating that maintains the stability of steel structures in the event of a fire for up to 120 minutes and has been optimised for maximum efficiency in the loadings for a 90-minute duration.

Passive fire protection (PFP) coatings insulate steel during a fire, which extends the steel's load-bearing capacity and gives valuable extra time for evacuation and emergency response. Hempel's Hempafire Pro intumescent PFP coatings are known for their low loadings, which can improve project efficiency.

Hempel launched Hempafire Pro 315 in 2018, which provides 60 minutes cellulosic fire protection and market-leading dry film thicknesses. Now, with the launch of Hempafire Pro 400 under BS 476 20/21, Hempel has extended the range to include fire protection for 90 and 120 minutes.

Hempel's Group Product Manager, Cellulosic PFP, Roger Soler, says:

"Our Hempafire Pro range of products has proven to be very attractive for applicators and specifiers. The exceptionally low loadings help to reduce both the total paint consumption and the number of coats required. This in turn means our intumescent coatings dry faster than similar coatings, which helps to speed up project completion times. Since we launched Hempafire Pro 315, our customers have asked for a coating with similar properties certified for a 90-minute fire duration. We developed Hempafire Pro 400 to meet this need."

With Hempel's Hempafire Pro coatings, the same product can be used for all steel profile types – for both in-shop and on-site applications. They can be used in exterior conditions and corrosion environments up to C4 according ISO 12944.

Both Hempafire Pro 315 and Hempafire Pro 400 are available in two versions, standard and fast drying. Hempafire Pro 400 is now launched in the UK and other countries where BS-476 is accepted.

The Hempafire Pro range at a glance:

- Two passive fire protection coatings: Hempafire Pro 315 optimised for 60 minutes fire protection and Hempafire Pro 400 optimised for 90 minutes
- Lower loadings significantly reduce paint consumption and help to improve drying times
- Excellent aesthetic appearance when correctly applied
- Can be used on all steel profiles
- Excellent application properties – designed with applicators in mind
- Can be applied up to 1,600 microns DFT in one coat to minimise the number of coats required

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About Hempel

As a world-leading supplier of trusted coating solutions, Hempel is a global company with strong values, working with customers in the protective, marine, decorative, container and yacht industries. Hempel employs 6,700 people in 80 countries and has 28 factories, 15 R&D centres and more than 150 stock points worldwide.

Across the globe, Hempel's coatings protect surfaces, structures and equipment. They extend asset lifetimes, reduce maintenance costs and make homes and workplaces safer and more colourful. Hempel was founded in Copenhagen, Denmark in 1915. It is proudly owned by the Hempel Foundation, which ensures a solid economic base for the Hempel Group and supports cultural, social, humanitarian and scientific purposes around the world.

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