

Press release (Final)

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Hempel launches the one-stop coating solution for 60 minutes fire protection

Today, world leading coatings manufacturer Hempel launches its new passive fire protection (PFP) coating. Hempafire Pro 315 has been developed to maintain the stability of steel structures in the event of a fire.

Designed specifically with versatile application properties for improved efficiency, this adaptable new product requires exceptionally low loadings and is fast-drying. This saves asset owners both time and cost during construction and through routine maintenance. Hempafire Pro 315 has been optimised for 60 minutes cellulosic fire protection and provides some additional protection for up to 90 minutes.

Hempafire Pro 315 can be used for all steel profile types – from thin hollow tubes to large open columns and beams. This simplifies the specification process and reduces stock and operational costs. Thanks to the lower film thicknesses needed, this coating can achieve superior mechanical strength faster, reducing the risk of damage during handling and transportation.

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

"Hempafire Pro 315 is quick and easy to apply offering significant efficiencies to applicators as well – whether in shop or on-site. Due to its lower loadings and thinner film thicknesses, Hempafire Pro 315 significantly reduces drying times improving paint shop efficiency.

As a high-build coating, Hempafire Pro 315 can also be applied up to 1,600 microns in one coat, which means almost all steel sections can be covered with just one layer of intumescent coating. For on-site new-build application and repair, this gives you spray-and-go efficiency – and quicker project completion times."

The ease of application and fast turn-around in production has been proven during several field trials at customer sites. Commenting on this, Artur Marques, Chief Executive Officer of leading off-site paintings applicators Nanosteel S.A said:

"Due to the lower loadings of Hempafire Pro 315 we can now use less paint resulting in quicker drying times. This is a big advantage to our business as it will improve our delivery times, reduce project delays and maximise our overall productivity and throughput."

The product is available in two versions, standard and fast-drying. Both versions dry to a smooth and attractive white finish.

Hempafire Pro 315 is now available in Europe. For more information please contact your local Hempel office.

At a glance:

- Lower loadings significantly reducing paint consumption and drying times

- One solution for all projects and steel profiles – lowering stock and simplifying the specification process
- Optimised for 60 minutes fire protection for both I sections and hollow sections and can be used on any steel profile
- Quick and easy application - designed with applicators in mind
- Can be applied up to 1,600 microns DFT in one coat

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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 more than 6,500 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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