

# Hempaprim Multi 500

Fast drying for improved productivity





# Committed to better corrosion protection

**At Hempel we address the challenges our customers face with tailored anti-corrosion solutions that make a real difference.**

We are the trusted supplier, with over 100 years experience in marine and protective coatings, and make our experience and knowledge available to our customers to assist them in delivering their projects anywhere in the world.



**Innovative solutions**



At our 15 research and development centres, we are focused on solving your key challenges and supporting your business. By enhancing the attributes of our products, we offer you the right coatings performance against corrosion.

**Global service**



With our 150 globally based stock points, we give you the right products on site, on time, every time. Our 28 manufacturing plants are ISO 9001 accredited, assuring you of consistent quality products, no matter where you are in the world.

**Professional support**



Our global sales teams and over 600 FROSIO/NACE certified coating advisors are on hand to ensure your coating project runs smoothly from start to finish and beyond.

# Why choose Hempaprim® Multi 500?

Hempaprim® Multi 500 is our new, advanced high-build epoxy intermediate.

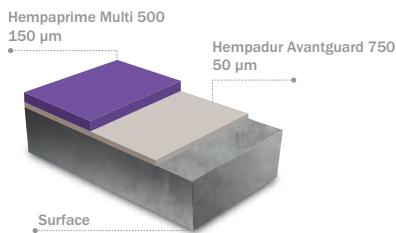
As the name reflects, our new product gives you multiple advantages. Specifically designed to optimise production, you get fast drying times and short minimum overcoat intervals without compromising the high volume solids of the product.

Robust at a wide range of film thicknesses, you also benefit from its combined use as primer, intermediate and topcoat, providing strong and durable protection.

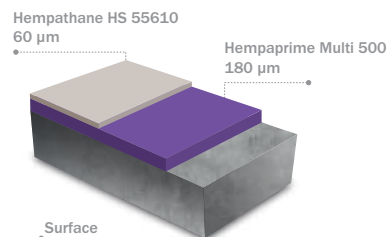
Hempaprim® Multi 500 meets the toughest anti-corrosive test requirements for the most severe environments, including ISO 12944 C5-I High and ISO 20340 C5-M. Coating systems based on Hempaprim® Multi 500 are pre-qualified for NORSOK M-501 Ed. 6, System 1.

## Typical applications

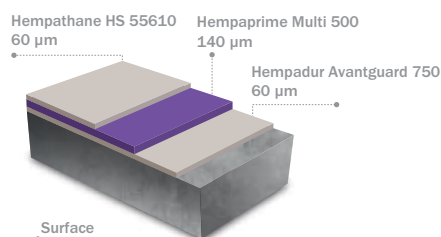
### C4 >15 years - Total 200 µm



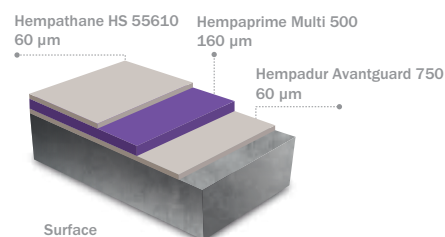
### C4 >15 years - Total 240 µm



### C5-I >15 years - Total 260 µm



### C5-M Offshore - Total 280 µm



## Faster drying for increased productivity

With up to 20% reduction in production time\*, Hempaprime Multi 500 enables you to deliver three coats in a single shift without compromising on quality, strength or finish.



\*Calculated as the reduced total drying time for a full 3-coat system consisting of Avantguard® 750, intermediate and Hempthane HS (overcoat times plus dry-to-touch time for the topcoat at 20°C) by using Hempaprime Multi 500 as intermediate coat instead of Hempadur Mastic.

# The advantages

Globally available and suited to supporting your projects during production, offering increased productivity and long service life, to protect your assets.

## Full system application in a single shift

Proven reduced overcoating time, allowing application of up to three coats in a single shift.

## Fast drying

Increased hardness which develops faster, enabling steel to be moved sooner with reduced risk of damage to the coating.

## Robust coating

Improved crack and wrinkle resistance even at high DFTs, thereby avoiding reblasting and recoating.

## Optimised application

No need for thinning, the coating is optimised for easy spray, brush or roller application.

## Reduced VOC

Improved volume solids up to 85 percent and reduced VOC decreasing environmental impact and workers exposure.

Parameters	
Overcoating interval (20 °C):	3 hours
Dry to handle (20 °C):	4 hours
DFT range:	100-220 µm
Volume solids:	85%
Theoretical spreading rate:	5.7 m <sup>2</sup> /L at 150 micron 228.6 sq.ft./US gallon at 6 mils
Specific gravity:	1.4 g/L
VOC:	195 g/L
Pot life (20 °C):	1 hour
Application equipment:	Airless spray, brush and roller



Protects against corrosion, abrasion, impact and humidity, Hempaprime Multi 500 dries to a tough finish.

This high performance coating assures a long service life in heavy industrial applications, helping to reduce maintenance requirements. Versatile, for direct to metal or primed surfaces, as primer, intermediate or top coat application, it is also ideal for minor repairs.

**By choosing Hempaprime Multi 500, you are choosing corrosion protection you can trust.**



Since 1915 Hempel has been a world-leading coatings specialist, providing protection and inspiration to the world around us. Today we have over 5,500 people in 80 countries delivering trusted solutions in the protective, decorative, marine, container, industrial and yacht markets. This includes many recognised brands like Crown Paints, Schaeppman and Jones-Blair.

Hempel is proudly owned by the Hempel Foundation, which supports cultural, humanitarian and scientific causes across the world.

**HEMPEL UK LTD.**

Berwyn House, The Pavilions,  
Llantarnam Park, Cwmbran NP44 3FD UK

Tel: +44 (01633) 874024  
Fax: +44 (01633) 489089  
E-mail: [sales.uk@hempel.com](mailto:sales.uk@hempel.com)  
[www.hempel.co.uk](http://www.hempel.co.uk)