

VolkerLaser is one of the UK's leading multi-functional contractors. We provide a wide breadth of specialist capabilities, including waterproofing, strengthening, joint and bearing replacement and extensive structural repair services across the built environment.

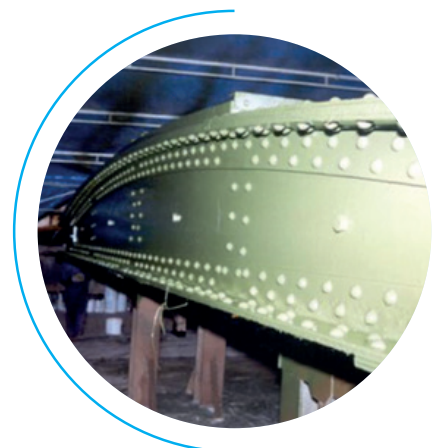


Introducing a new product to the rail and infrastructure industry...

Licensed to VolkerLaser, the product Humidur FP is a long-term protective paint, with a life expectancy of 30 years, and excellent resilience to weather extremes, both in application and for long term durability.

Warranties can be offered for 10, 15, or 30 years, depending on preparation standards and level of insurance required. It can be applied to most surfaces, including steel and concrete.

Humidur FP is a single coat paint system, which requires no primer application, has high chemical resistance to acids, alkalis, oils, lubricants, and detergents, and is 100% environmentally friendly - no solids, solvents, heavy metals or tar.





Key attributes:

- Excellent abrasion and impact resistance
- Surface tolerant and outstanding adhesion to substrate and inter-adhesion between layers
- Capable of curing underwater and in wet conditions
- Capable of curing at freezing temperatures
- Unlimited over coating
- Excellent cathodic disbonding resistance
- NDT inspection allowed
- Resistant to temperatures of -35°C to 150°C
- Resistant to fluid with pH 0 to pH 14
- Cost effective
- Compatible with fire protection coating Multifire base coat

Why is this material better than any other material on the market?

- It is the most environmentally friendly paint you can get - it is a solvent free modified, two-part epoxy coating
- It requires no primer
- It can be spray and brush applied
- It can overcoat other paints without a reaction
- It is faster to apply than any other paint that is used for the same application. Alternative three coat systems, if not allowed to cure between layers, will suffer solvent entrapment and fail. Other one coat systems cannot be used in the same layer thickness as this. Humidur FP can go on at 400microns. The nearest to this is 125microns, which then requires more than one coat to do the job.
- It can be produced in any RAL colour - other similar coating systems come in four shades of grey.
- Its elastomeric properties are excellent. It is tested dynamically with 100,000 load cycles with the elastomer within having a high molecular weight.

Why now?

The product has been in production for over forty years. Why has it not been used on infrastructure projects until now?

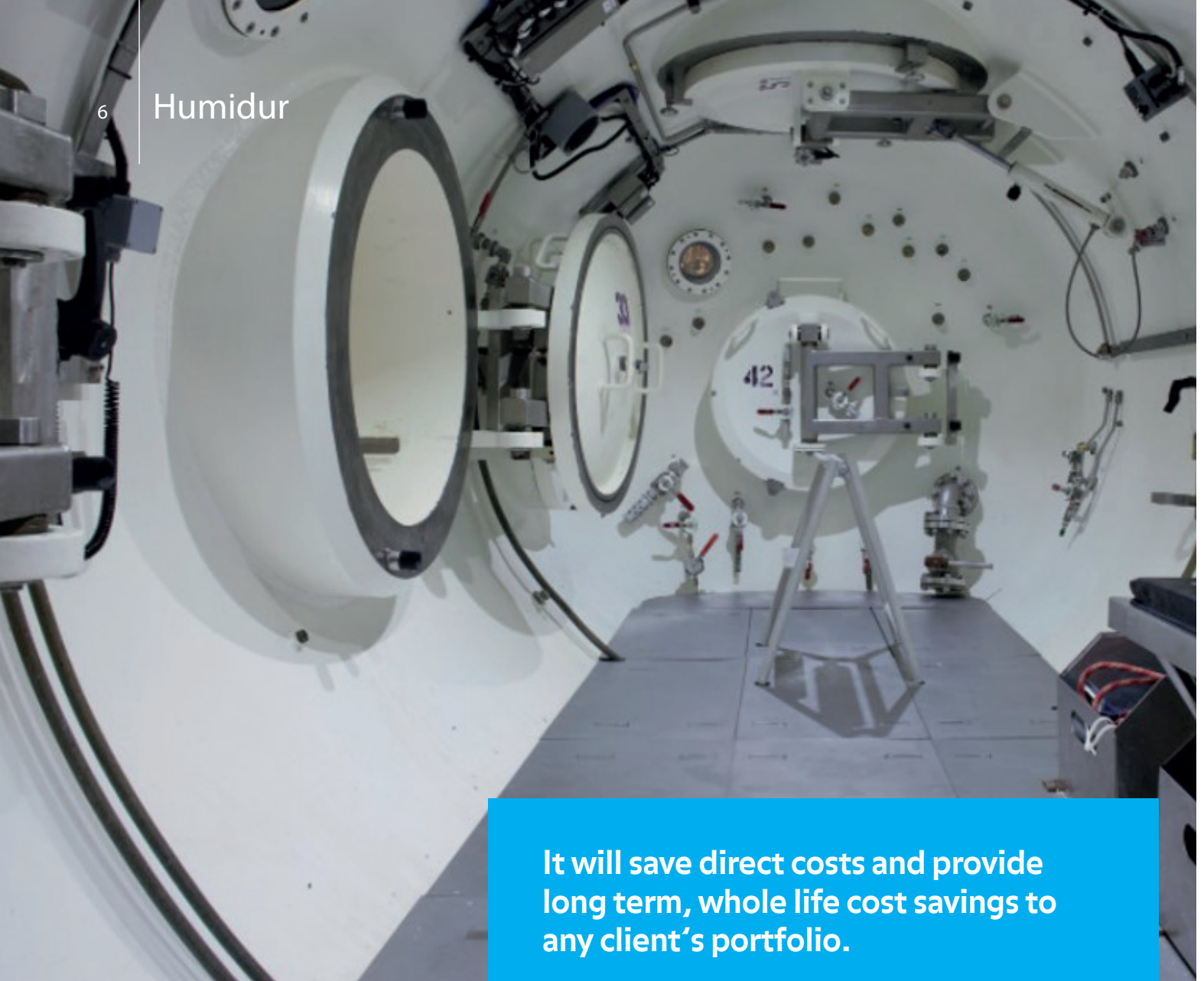


The answer to this is simple.

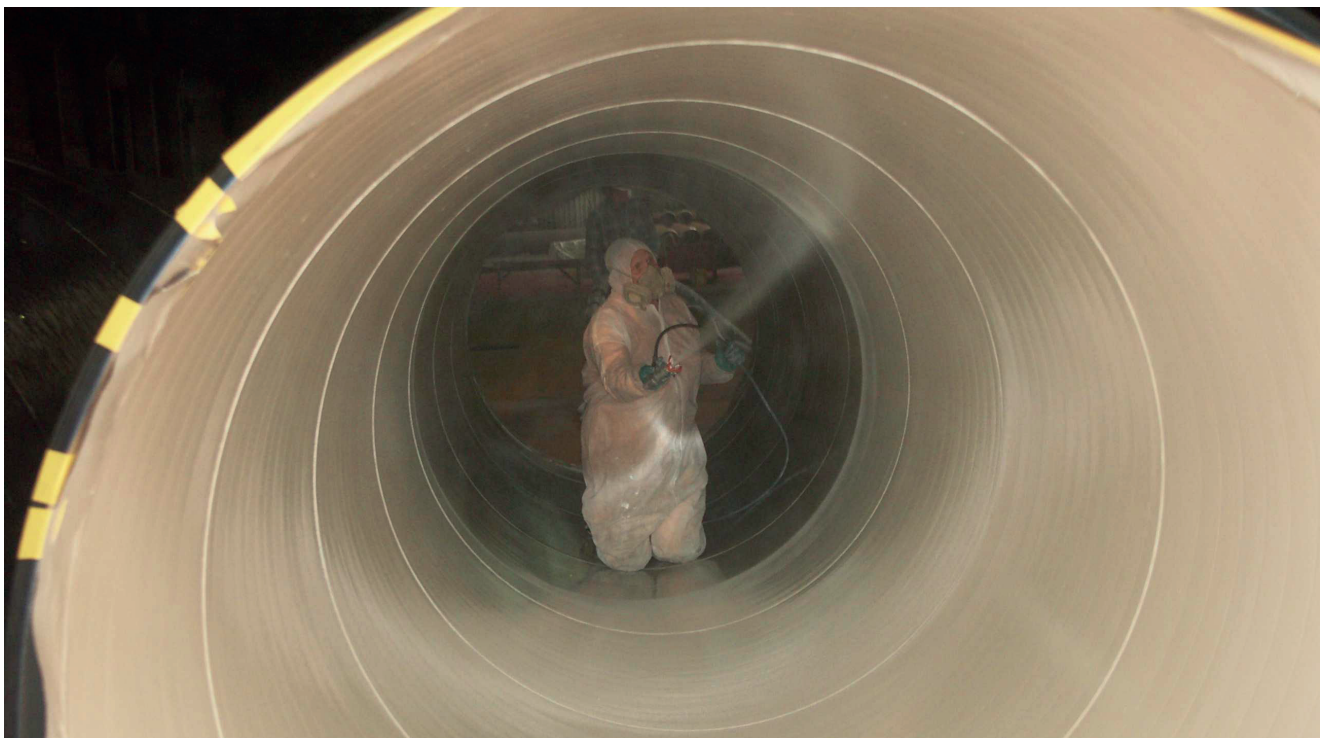
Humidur FP has been used in the oil and gas sector during that time, where it has found unimpeded success. It is produced by the Acotec Group, which is now expanding to the British “on land” market and, with other pending developments on the horizon. It has been gauged that the market is ready for a simple to use, long term serviceability product.

Humidur FP is currently going through HAPAS, Network Rail and the Historic England approval process.





It will save direct costs and provide long term, whole life cost savings to any client's portfolio.



Humidur FP Quick Repair (QR), has been applied on the pipe work of Shell's Mossmorran plant.

Below you will find out what the FM lead told us about his experience with the product:

" Humidur FP QR lets you simply apply only enough paint to the surfaces as required to coat. The area of pipework on the Mossmorran plant will benefit from this. Humidur FP QR definitely shows a reduction in waste (environmentally friendly) and the system saves time on the whole application procedure, because it's coated in one layer, it's easy to handle and it has a quick drying time. All these benefits result in tremendous cost savings. We are looking forward to using this on other assets, and we are sure other opportunities will arise."





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