

MMA COLD PLASTIC PAINT ON M275 MOTORWAY

LONG LASTING COLD PLASTIC PAINT

BEHIND THE SCENES:

Motorways have been using thermoplastic paint for decades and it has been long associated with hot works risks. Minimising the risk exposure of operatives working on the main arterial road network system in the UK has been something councils and contractors have been keen to adopt and use alternatives such as MMA cold plastics.

THE CHALLENGE:

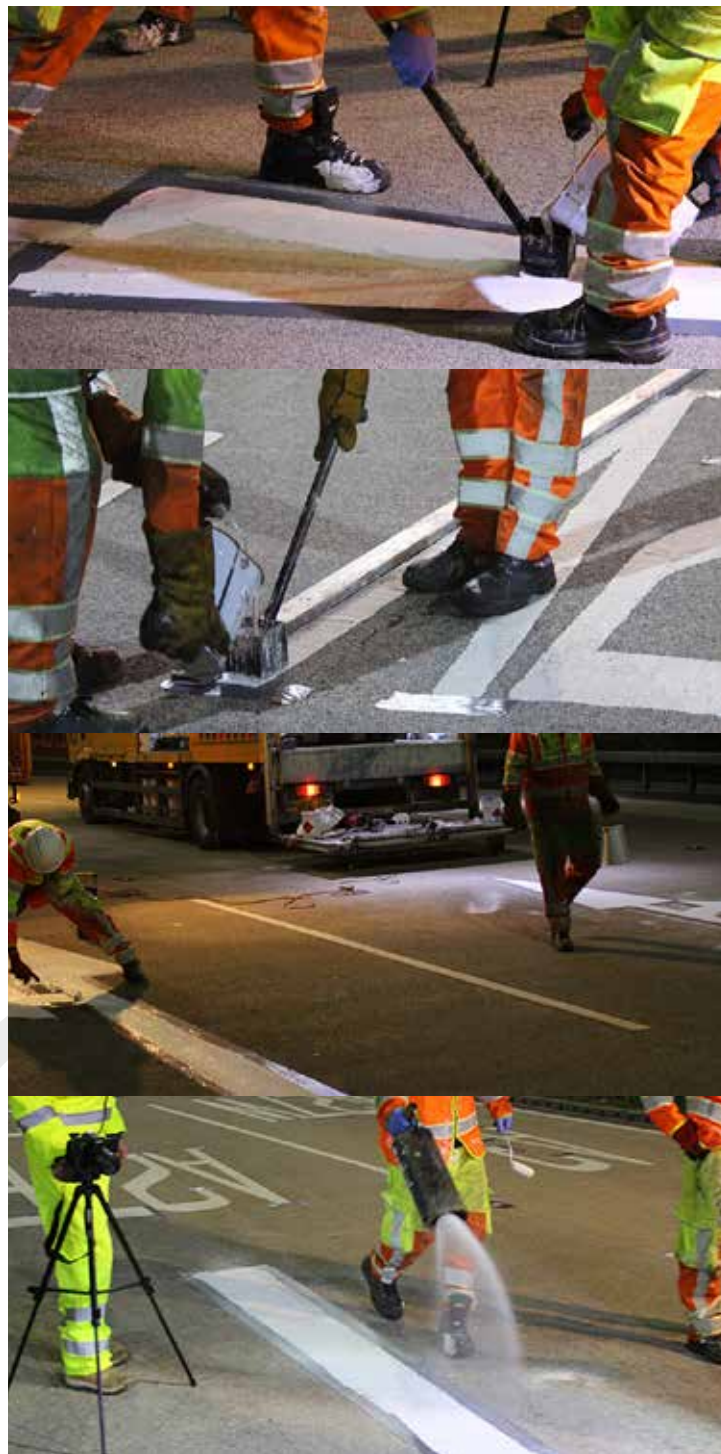
The M27 is the busiest motorway on the south coast. It is 25 miles long, and runs East / West essentially serving the cities of Portsmouth and Southampton. With the large traffic volumes it experiences, the markings in high stress zones receive excessive wear resulting in poor results from traditional marking systems. To avoid costly road closures and maintain their vision, the contractor and council required something which is at least twice as durable, as well as being a solution that doesn't involve too much disruption, extra training or expensive machinery.

SOLUTION:

Traditional thermoplastic marking is now under challenge in high volume areas with the development of the more surable MMA (cold plastic) technology. MMA has been found to last in excess of three times longer than thermoplastic, so it was a natural choice to use the UltraLine product from the spectrum range of paints and coatings. The asset owner's courage in choosing something out of the comfort zone of thermoplastic has excellent results. The increase in durability of working life of the product, meant that it has saved a further two applications of thermoplastic and all assorted worker risk exposure, as well as costs involved in the traffic management. Over and above the durability, the application method utilises traditional marking skills and no extra machinery or specific training. Spectrum UltraLine also meets highway approvals BSEN1436 BSI approved for assurances.

SYSTEMS USED:

- SPECTRUM UltraLine - MMA
- White
- Reflective Glass Beads



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