



Quality Marking Services Limited

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QMS
RapidShield

Case Study
Internal Warehouse Line Marking
November 2016

Quality Marking Services Limited Warehouse at Eurocentral

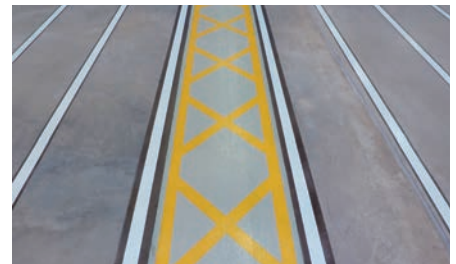


QMS was contracted to deliver over 8,000 metres of internal pallet line and safety walkway markings within a new distribution warehouse at Eurocentral near Glasgow in Scotland.

The 12,000m² warehouse which will be used for supermarket product distribution will see storage of 7,000 pallets with a high daily turnover from goods received to goods delivered.

The materials used to deliver the line markings needed to be installed quickly, providing a hard wearing, durable finish that can be easily kept clean. On top of this, the client demanded that the materials used were environmentally considerate to match their own Environmental Protection Policy!

Following an initial meeting with the client, QMS discussed the project requirements and assisted with the proposed layout. This was designed to maximise the available space within the warehouse whilst maintaining access to welfare facilities and emergency routes throughout. Following this consultation meeting, QMS recommended the use of **QMS RapidShield**, a unique system that utilises a Waterborne Acrylic Resin followed by a clear glass-like finish which is cured using Ultra-Violet technology.



The system is completely solvent free and contains zero Volatile Organic Compounds (VOCs) making it an exceptionally Environmentally Considerate marking and meeting the demands of the client on this project.

The proposed system was adopted by the client and the crew were mobilised to site to embark on the line marking project.

The process included setting out the required markings in accordance with the drawings provided and as agreed on site with the customer. The floor surface was then prepared using mechanical, recovered shot-blasting equipment which is completely dust-free, leaving the floor surface clean and prepared ready to receive the new line marking.



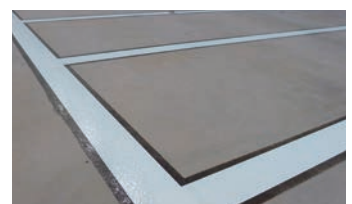
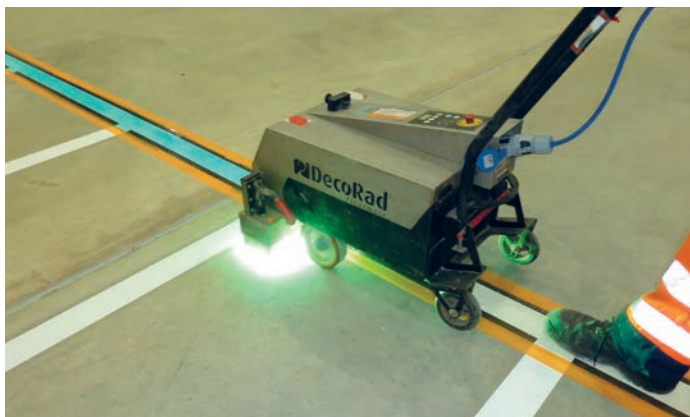
Following the surface preparation, the area to be marked was masked to ensure a crisp edge to the marking was achieved. The Waterborne Acrylic Resin was then installed using an Airless Spray paint machine, providing a consistent thickness to the marking.

QMS RapidShield is able to be installed to concrete surfaces in temperatures as low as -28°C, so it can be installed within a working freezer environment. The finished product is impervious to most known substances including acid, oil and blood. With the system boasting solvent and VOC free attributes, it is possible to install markings within live food warehouses with minimal disruption to the client.

The RapidShield clear Top-Coat was roller applied on top of the new marking to a measured thickness and cured using the mobile Ultra Violet Light Machine. The resin is coloured blue so that it is easy to see where curing is still required. However, as soon as the Ultra Violet Light Machine passes over the wet resin, the blue pigment is immediately dispersed and the resin cured, leaving a clear, hard wearing finish available for instant trafficking of the new marking.

"The guys applying the markings did an exceptional job. Their attention to detail was superb, providing our new warehouse with some extremely crisp markings." **Warehouse Maintenance Manager**

"When the client asked us to get involved with this project, we were more than prepared to discuss and offer QMS RapidShield for the markings. We have installed this system throughout the United Kingdom for the past seven years and have continued to further develop the product to meet the demands of our customers." **Greg Clark, QMS Managing Director**



QMS

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