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ReadyRaise Locking and Bedding Compounds

To whom it may concern

During the period 1998 to 2005 as Product Development Manager with RMC (now CEMEX) one of the products developed and brought to market by my team was the ReadyRaise road manhole cover installation system.

This product was designed to overcome the frequent failure and collapse of road ironwork in heavily trafficked situations. These failures were mainly due to the reinstatement method and materials and not the actual ironwork.

RMC engaged the services and expertise of Star Uretech to develop a rapid setting resin based bedding and reinstatement product as part of the installation method.

The ReadyRaise Bedding and Locking Compounds were essentially a mix of aggregates and resin mixed on site and used to bed the concrete parts and ironwork and then to fill the excavation and reinstate to the road surface.

These materials proved to be very successful and during the period between 1999 and 2005 with thousands of installations and the close monitoring of these we never experienced any failures.

In my view the success of these resin based reinstatements was due to two main reasons, firstly its excellent bond strength with the existing asphalt surface materials and secondly its continued flexural strength which made it compatible with the asphalt surfacing materials.

The ReadyRaise System including these reinstatement materials were awarded both BBA and WRc approval

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