

Project Profile - Civil Engineering & Infrastructure



PROJECT

Leroy Merlin Commercial Centre,
Italy

SUMMARY

Repair and protection of deteriorated
underground fire water storage tank

PRODUCTS

Monomix
Monolevel 844SP
Cementitious Coating 851

CLIENT

Eltecno SpA, Italy

CONTRACTOR

Rivestimenti Speciali SRL, Italy

BACKGROUND ►

Planning Consultants **Eltecno Spa**, contacted **Rivestimenti Speciali SRL** concerning the inner lining of the buried concrete fire safety water storage tank located at the Leroy Merlin Commercial Centre.

The surface of the concrete tank was badly deteriorated, with spalling and cracks resulting in water leakage. The primary requirement was to repair and waterproof the tank as quickly as possible in order to restore legal working conditions and minimise the disruption of trade.

THE SOLUTION ►

Structural repairs to large cracks and voids were carried out with **Monomix**, a high strength, low density mortar, whilst superficial cavities and honeycombing were reinstated with **Monolevel 844SP**. Subsequently the entire surface was covered with a 2mm layer of **Cementitious Coating 851**, a waterproof coating which is fully compatible with the parent concrete. **851** is designed for constant immersion, and being water-based it is safe and easy to apply. Once cured, it gives excellent resistance to impact and abrasion.



FM 41091
EMS 597350
OHS 597351

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Environmental
Health & Safety

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