

## 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

Elteco SpA, Italy

### CONTRACTOR

Rivestimenti Speciali SRL, Italy

### BACKGROUND ►

Planning Consultants **Eletecno 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

Quality  
Environmental  
Health & Safety

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