

Project Profile - Utilities

PROJECT

**Ammässuo Waste Treatment
Centre, Finland**

SUMMARY

Moisture suppression on 1200m² of
concrete floor in a tunnel prior to
applying a decorative epoxy coating

PRODUCTS

Cemprotec EF Primer
Cemprotec E-Floor

CLIENT

Helsinki Metropolitan Area Council,
YTV

CONTRACTOR

Polarlatti Oy, Finland

BACKGROUND ►

Situated 30km to the west of Helsinki in Ämmässuo, Finland's newest and largest waste treatment centre houses a modern compost handling system.

The design incorporates an underground tunnel requiring a highly chemical resistant epoxy floor finish. Due to the high water table, it was not possible to apply an epoxy coating directly on to a concrete surface. The end Client, YTV, was seeking a solution and consulted Flexcrete distributor PiiMat Oy for their specialist experience in this area.

THE SOLUTION ►

Cemprotec E-Floor is a 2mm polymer and epoxy modified cementitious coating which is easily applied by manual techniques, curing quickly to overcome the threat of moisture rising from the sub base. Applied over **Cemprotec EF Primer**, it offers excellent adhesion to the concrete and facilitates early over-coating with the chemical resistant finish. In Phase 1, circa 1200m² of **E-Floor** was applied and the result is so good that the Client has confirmed the use of the same system for the second phase of this prestige project.



FM 41091
EMS 597350
OHS 597351

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