

Bronda Corner

Case study

Focus product: Intercrete® 4851

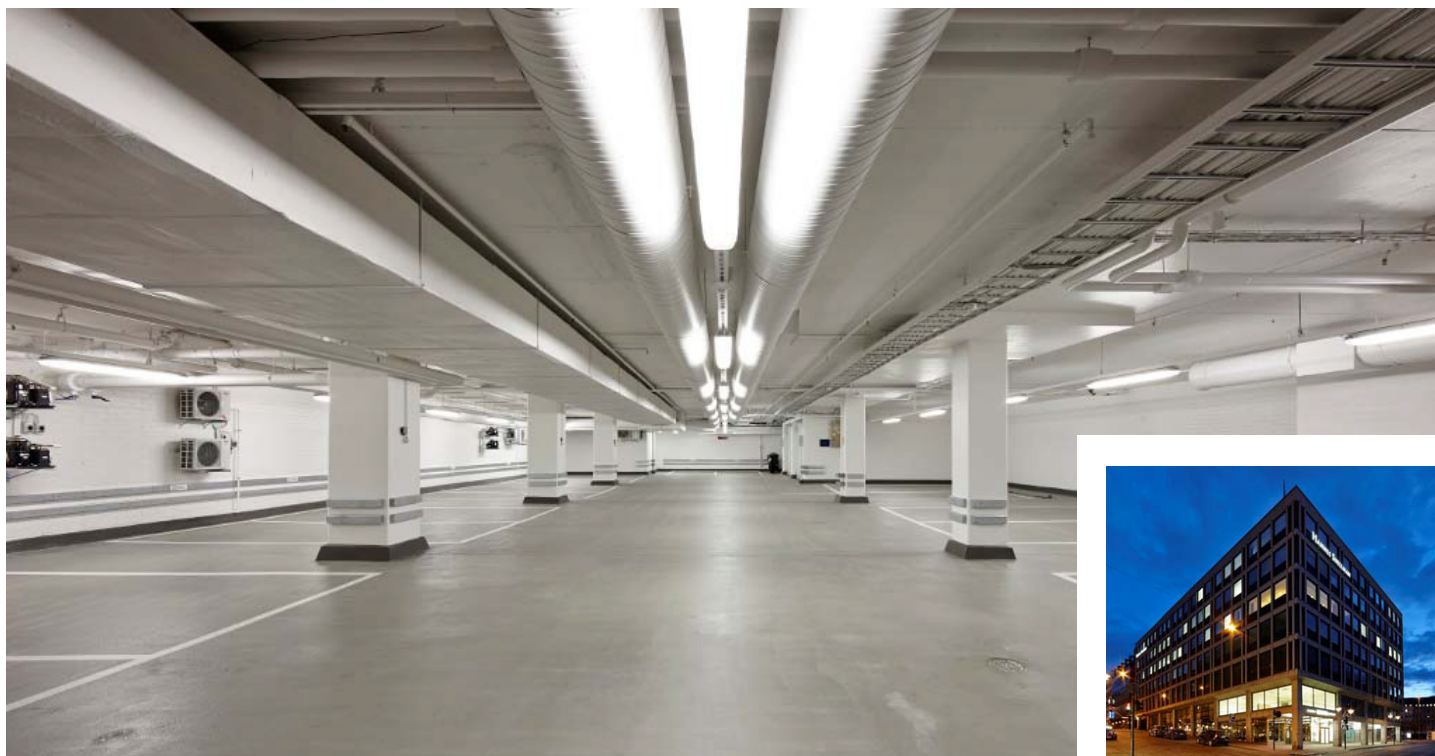
Location: Helsinki, Finland

Client: Trium Architects Ltd

Contractor: SPT-Painting Oy

Distributor: PiiMat Oy

Summary: Protection of the 600m² parking hall floor



Background

Situated in the heart of downtown Helsinki near to Esplanade Park, Bronda Corner is a mixed use building which has origins dating back to 1840. The structure was demolished in the 1970's to make way for a new building designed by architect Keijo Petäjä. Built in 1975, a complete renovation of the building was required in 2014, with only the original façade being maintained.

The new renovation was project managed by Trium Architects Ltd. The objective was to refurbish the structure to a very high standard from top to bottom to help encourage tenants to take space in the newly refurbished building. Part of the refurbishment included coating the 600m² underground parking hall floor with a proven wear resistant product that met the client's fire classification requirements.

The solution

Intercrete 4851, a hard-wearing, waterborne cementitious flooring system, was specified for this project due to its exceptional wear characteristics and its Euroclass fire rating to the optimum level of A2_{FL}-s1. Intercrete 4851 provides total waterproof protection with excellent resistance to damage from deposits of de-icing salts, chloride ion penetration, aggressive chemicals, impact and abrasion from studded tyres.

The water-based composition of Intercrete 4851 was a critical consideration for this application, as it releases no hazardous solvents or strong odour, ensuring absolutely no disruption to normal routines. A slip resistant finish was achieved by casting aggregate into the steel grey Intercrete 4851 coating and parking bays were colour coded in white to achieve a highly attractive finish.

The refurbishment work was extremely successful, and Hannes Snellman, a leading Nordic law firm, has since moved into the building and is the primary tenant. Bronda, a brasserie restaurant headed up by Helsinki's culinary super duo Tomi Björk and Matti Wikberg, has also occupied the building since March 2014.