

Project Profile - Civil Engineering & Infrastructure



PROJECT

Stavanger Airport, Stavanger,
Norway

SUMMARY

Increasing the effective cover to
embedded steel reinforcement

PRODUCTS

Monodex Ultra

CLIENT

Avinor AS, Gardermoen, Norway

CONTRACTOR

Industrivern AS, Sola, Norway

BACKGROUND ▶

Opened in May 1937 by King Haakon VII, Stavanger Airport at Sola in the south west corner of Norway was the second airfield in Europe to be built with a concrete runway.

With the discovery of North Sea oil during the 1960's, air traffic grew at a rapid rate and a second passenger terminal was dedicated to helicopter traffic. To handle increasing demand, a significant investment has recently been made to extend all the facilities with close attention being paid to quality and durability during construction.

THE SOLUTION ▶

For the new multi-storey concrete car park, the engineers concluded that it would be beneficial to enhance the effective cover to the embedded steel reinforcement. In order to achieve this, a two coat application of **Monodex Ultra** was specified because the standard thickness of 130 microns provides protection equal to 50 centimetres of normal concrete. With excellent opacity and easy application by brush, roller or airless spray, a high quality finish is quickly achieved with two coats applied during the same day. **Monodex Ultra** is a proven barrier to CO₂ and is suitable for internal and external use.



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EMS 597350
OHS 597351

Quality
Environmental
Health & Safety

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