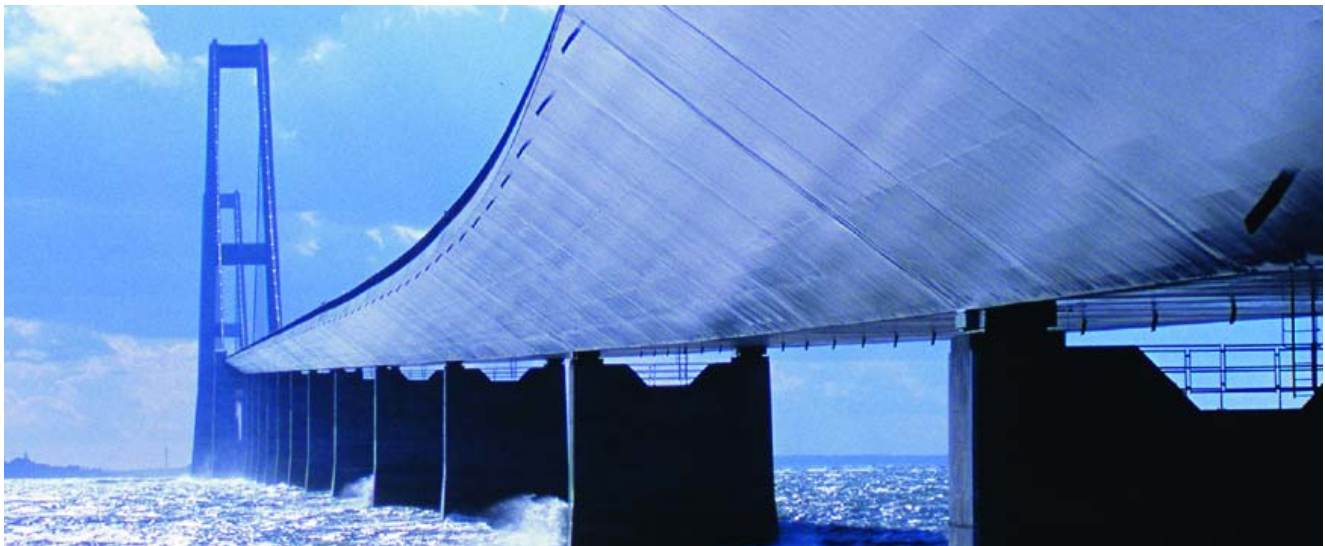


CASE: Great Belt Bridge, Denmark



Waterproven quality

After 10 years of service the **ACRYDUR** membrane on the largest bridge in the world still is in "as new" condition.

Looking at the foundation and base of the driving lane of one of the worlds longest bridges probably no one will question that every one piece of material in use must be of the best quality that money can provide. The durability, the strength, the resistance towards wear and tear – there's no place for anything than the best.

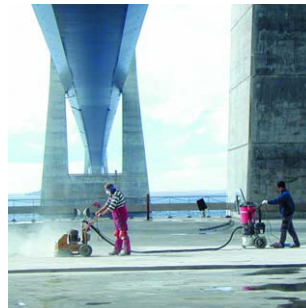
During the 10 years service survey of the The Great Belt Bridge in Denmark - the danish engineering office COWI concluded that the

30.000 m² Acrydur® Bridge system installed on the emergency escapepath after more than 10 years was in same condition as when installed in 1995.

COWI projectmanager Jorn Blumensen who has a long experience with the ACRYDUR® systems from other projects around the world, was not surprised: "I have used the ACRYDUR® BRIDGE system in 5 - 6 different projects with same result. The MMA based products are very suitable in this type of environment. The performance of the material is not affected by cold or heat, and the UV breakdown is very slow, so the life time expectancy is approx. 40 years. The service costs to maintain the functionality is very low, as a matter of fact we have not spend anything on the Great Belt Bridge so far".

This is also why, COWI has specified ACRYDUR® coatings for the Stonecutter Bridge in Hong Kong as well as the Medina Bridge in Italy.

The Acrydur® Bridge systems ranges from a 2 mm smooth flexible protective coating for concrete and metal, up to a 10 mm antislip system mixed with hard aggregates to perform a very durable surface for the traffic.

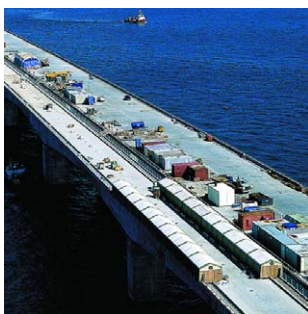


Preparation of the concrete was carried out using shotblasting equipment.

About the Great Belt Bridge

Two bridges and a tunnel forms together the 18 km long connection across the Great Belt in Denmark. The work was carried out during 1988-1998. The total investment of the complete project was an excess of more than EUR 3,0 Billions in 1988-pricing. The construction of the Great Belt Bridge was handed over to COWI Engineering, one of the worlds leading experts in this field of business.

The project is one of the largest engineering projects in recent years in Denmark and the suppliers for this prestigious project had to fulfil the most demanding specifications.



During the installation moving tent equipment ensured production regardless weather conditions.

We know the solutions...

With more than 35 years of experience in the manufacture and application of resin based surface materials, Ulfcar is renowned as one of the leading experts in this field. Our knowledge will provide tailor made solutions to meet specific needs. With our latest updates in technology based on epoxy, polyurethane and MMA resins, we can guarantee that your result will be prescribed to the ultimate of what can be achieved.



Acrydur® Bridge applied by trowel. It is also possible to install using broadcasting technique.

For further information please contact **ULFCAR INTERNATIONAL ApS**, PHONE +45 7021 3888 - FAX +45 7021 3889 - e-mail: info@ulfcar.com

FACTS

- ▲ Floortype: Acrydur® Bridge
- ▲ Year: 1995
- ▲ Total sqm.: 30.000 sqm
- ▲ Place: Great Belt Bridge, Denmark
- ▲ Type of enviroment: Concrete bridge construction
- ▲ Colour: UI 116

BENEFITS

- ▲ Weatherproof & UV resistant
- ▲ Nonslip finish
- ▲ Seamless and flexible finish
- ▲ Damp proof membrane layer
- ▲ Excellent chemical resistance
- ▲ Fast installation
- ▲ Curing down to -30°C
- ▲ Low maintenance cost
- ▲ Extremely durable

SYSTEM BUILD UP

Acrydur® Sealer 0.5 mm
Acrydur® wearlayer 4 mm
Acrydur® M 2 mm
Acrydur® GRB1 Primer 0.2 mm

Concrete

