The 16 km long Oresund Fixed Link connects Copenhagen, Denmark and Malmo, Sweden. Its component parts include a 4.05 km long immersed tube tunnel, a 4.055 km long artificial island, and a 7.854 km long bridge. The total crossing was designed to accommodate 4 standard highway lanes, two high speed rail tracks and an emergency escape. The immersed portion of the tunnel has 20 tunnel elements that are each 176 m long. Each tunnel element is comprised of 8 tunnel segments of 22 m in length.

The tunnel segments were cast above sea-level using the full section casting technique to minimize the risk of thermal cracking. The method of casting the tunnel segments was similar to launch-casting of bridges where each full section of the bridge is cast on a fixed bed and then pushed off the bed after 24 hours of curing. For Oresund Tunnel, this cast and push cycle was repeated eight times to produce one tunnel element 176 m long weighing 55,000 Tonnes. Following the completion of casting the eight segments, the completed tunnel elements were skidded into an outfitting station for the installation of temporary post-tensioning, ballast tanks and end bulkheads to allow flotation. After the outfitting was completed, a sliding entrance gate was closed and floating exit gate was towed into position to create a closed basin that could be flooded to allow lift-off of the completed tunnel elements. Once the elements were towed over a deeper area of the launch basin, the basin was drained back down to sea level and the floating exit gate was opened to allow tow out of the completed tunnel elements.