

Breakwater made from Elastocoast® on Holm Hamburg (Germany)

Case Study

For the breakwater located on the Western part of Holm Hamburg the local authority “Landesbetrieb für Küstenschutz, Nationalpark und Meeresschutz” (LKN) used Elastocoast®. The existing coastal protection structure was secured by means of paving and has led to a shift of the damage towards the inside of the holm. By using Elastocoast® further erosion is avoided.

Task: Protection against scouring by wave impact behind the reinforced coastal line

Bonding agent: Elastocoast® 6551/100; approx. 1 t

Year of construction: 2008

Realization: Martin Limbrecht GmbH & Co.KG

Competent authority: LKN

Planning: TU Hamburg Harburg

Area: 120 m²

Construction: Iron silicate stones and Elastocoast® on gravel core and geotextile

