

Coastal protection made of Elastocoast® on the island of Sylt (Germany)

Case Study

Coastal protection located at the tidal side of the island Sylt in Munkmarsch was heavily destroyed due to a storm. For its reparation, the local authority “Landesbetrieb für Küstenschutz, Nationalpark und Meeresschutz” (LKN) used Elastocoast®. Thanks to the material, an ascension of the slope of 1:2 could be realized, which is not feasible with conventional coastal protection measures.

Task: Protection against wave impact and erosion

Bonding agent: Elastocoast® 6551/100; approx. 11 t

Year of construction: 2007

Realization: LKN

Competent authority: LKN

Planning: LKN

Area: 1,500 m²

Construction: Granite gravel (40/60 mm), Elastocoast® and geotextile

