

# Elastocoast<sup>®</sup> against sand erosion on the island of Sylt (Germany)

## Case Study

The cement grouted revetment on the West coast of the island Sylt, so-called Ellenbogen, could not withstand the wave pressure impacts. Therefore, a new revetment was built in the breaker zone of the erosion-prone coast. The local authority “Landesbetrieb für Küstenschutz, Nationalpark und Meeresschutz” (LKN) used Elastocoast<sup>®</sup>.

Task: Securing the beach against sand erosion

Bonding agent: Elastocoast<sup>®</sup> 6551/100; approx. 5 t

Year of construction: 2005

Realization: Martin Limbrecht GmbH & Co.KG

Competent authority: LKN

Planning: TU Hamburg Harburg

Area: 270 m<sup>2</sup>

Construction: Iron silicate stones and geotextile

