# Renovation of Apartments in Westerland, Sylt

Sylt, Germany


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# Project Description

As part of the refurbishment of several residential complexes in Westerland on the island of Sylt, exclusive apartments were created that combine modern comfort with a distinctly Nordic design. The partially two-storey holiday apartments feature a clean white aesthetic, complemented by light timber elements, exposed beam ceilings and high-quality wooden flooring. This combination of materials creates a warm, welcoming atmosphere and highlights the project's high design standards.

With living areas ranging from 24 to 45 m², the units offer a generous sense of space. Light-filled rooms, open-plan layouts and a harmonious interior design define the overall living concept.

## Challenging refurbishment conditions in existing buildings

Refurbishment within the existing building fabric posed particular challenges for planning and execution. Limited floor build-up heights, restricted load-bearing capacity of the existing ceilings and uneven structural slabs on the upper floor required high-performance, flexible and cost-effective flooring systems. Lindner GFT GmbH supplied suitable solutions that met both structural and energy-efficiency requirements while ensuring the highest level of living comfort.

## Efficient flooring systems for enhanced living quality

On the upper floor, the NORIT-TE 20 dry screed made of gypsum fibre with a unique click system was installed. This system allows for especially fast, precise and secure installation without additional screwing or long drying times, making it ideal for the demanding conditions of existing ceilings. The resulting screed surface also provides a stable, load-distributing base for all types of floor finishes while meeting high standards of building biology.

In addition, the NORIT-TE 20 Therm GF underfloor heating system was integrated, specifically designed to meet the requirements of modern living spaces. In combination with the NORIT universal grouting compound, the dry screed elements ensure even load distribution and efficient, comfortable heat output.
The integrated pipe channels allow for flexible and secure installation of the heating pipes and offer a particular advantage where build-up heights are limited. Floating installation on insulation and a solid subfloor enabled rapid construction progress and contributed to reliable scheduling for the holiday apartment complex.

# General

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| **Building Type** | Residential building |
| **Company Division** | Lindner NORIT GmbH & Co. KG |
| **Completition** | 2025 |
| **Client** | 1. Wohnimmobilien Sylt GmbH |
| **Architect** | Mannewitz Architekten Sylt |

# Completed Works

- **NORIT-Dry Screed**
  NORIT-TE 20 / 25
- **NORIT Underfloor Heatings**
  NORIT-TE 20 Therm GF


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