

# TECHNICAL DOCUMENT

# Sika Waterproofing systems for Wind Tower Foundations

## 1 SCOPE

This document describes the suitable Sika Waterproofing systems for onshore wind turbines foundations.

## 2 SYSTEMS DESCRIPTION SUMMARY

### PREMIUM SYSTEM: SIKALASTIC I-CURE-22

- A cold-applied, one-component, seamless, highly elastic and UV-stable moisture triggered polyurethane Base and Top Coat designed to provide easy application and a durable solution.
- Build up consisting of one component Sikalastic-631 Base Coat and Sikalastic -641 Top Coat with Reemat Premium fiber mesh reinforcement embedded.
- Suitable for application by brush.
- Total dry film thickness:  $\geq 2.2$  mm

### ENHANCED SYSTEM: SIKALASTIC I-CURE-18

- A cold-applied, one-component, seamless, highly elastic and UV-stable moisture triggered polyurethane Base and Top Coat designed to provide easy application and a durable solution.
- Build up consisting of one component Sikalastic 631 as Base Coat and Sikalastic-641 as Top Coat with Reemat Premium fiber mesh reinforcement embedded.
- Suitable for application by brush.
- Total dry film thickness:  $\geq 1.8$  mm

### STANDARD SYSTEM: SIKALASTIC-1 K

- A one-component, crack-bridging, fibre-reinforced mortar, based on cement modified with special alkali-resistant polymers.
- Suitable for application by brush or trowel.
- Total dry film thickness:  $\geq 2.0$  mm

### 3 LEGAL NOTE

The information, and, in particular, the recommendations relating to the application and end-use of Sika products, are given in good faith based on Sika's current knowledge and experience of the products when properly stored, handled and applied under normal conditions in accordance with Sika's recommendations. In practice, the differences in materials, substrates and actual site conditions are such that no warranty in respect of merchantability or of fitness for a particular purpose, nor any liability arising out of any legal relationship whatsoever, can be inferred either from this information, or from any written recommendations, or from any other advice offered. The user of the product must test the products suitability for the intended application and purpose. Sika reserves the right to change the properties of its products. The proprietary rights of third parties must be observed. All orders are accepted subject to our current terms of sale and delivery. Users must always refer to the most recent issue of the local Product Data Sheet for the product concerned, copies of which will be supplied on request.

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