



# Waterproofing Systems and Technical Solutions



## Subplu 1 - 2 and Wayuwindfarm

The project consists of grouting for bedding of wind turbine foundation, total of 30 turbines in 832.41 Acre. The farm located in North Eastern region of Thailand. The project is considered as the highest height wind turbine in South East Asia region.

The height of turbine is 125 meters tall, 114 meter of rotor diameter and 200 tons of weight. When building the foundation for highest wind turbine in South East Asia. The factor of weight and the extreme environment such as heavy storm during raining season and extreme drought during summer are the factors that need to be considered when building the turbine.

The bedding of turbines' foundation was completed by using LANKO 702 which can withstand the very high compressive strength of turbine's 200 tons weight and able to hold the aggressive force of Thailand's North Eastern region extreme environment. The setting process of grouting was protected by LANKO 361. LANKO 751 was used to improve the performance and bonding of LANKO 702 during the setting of grout.

### APPLIED PRODUCTS



- UNDERGROUND GROUTING WITH LANKO 702

### ALSO

- LANKO 361
- LANKO 751  
For improve bonding and reduce shrinkage

### TECHNICAL DETAILS

- Volume : 112 tons of LANKO 702

#### > LOCATION

Nakhonratchasima – Thailand

#### > CUSTOMER

Power China Zhongan / Engineering, GUNKUL / Engineering Co.,LTD

#### > MARKET SEGMENT

Windfarm

#### > SUBSEGMENT FUNCTION

Bedding & Anchoring

#### > YEAR

2014

**BRAND**

**LANKO**

**PAREX**  
Building expertise, together