



## CASE HISTORY

### PROJECT

HVAR ISLAND, CROATIA

### CUSTOMER

ODASILIAC I VEZE

### PROJECTS USED

PARAFIL® TYPE G 45te

12no ROPES

900M TOTAL LENGTH

### CONTRACTOR

KIER CONSTRUCTION

### PROJECT DATE

JUNE 2015

## HIGH STRENGTH SYNTHETIC ROPE

## THE PARAFIL™ SYSTEM

**CROATIA** 120m high mast on Hvar Island. The project required the installation of a guying structure for the mast that utilised 12 ropes and included a total of 900m length of rope. The ropes were to comprise steel rope for the lower 20m of the ground mounted end with the rest of the guys to be made from Parafil® in order to be transparent to the electromagnetic radiation emitted by the mast.

The Type G Parafil® system, using high modulus aramid fibres, was chosen for the project to allow for the use of high tensioning forces without excessive elongation of the guy ropes.

The light weight, favourable dielectric properties and extreme durability are crucial to success of Parafil® in this application.

