

Precasted concrete block 200x1100x2200

The precasted foundation is used for a temporary tower (approx. 2-5 years) as anchoring system of guy-wires. The foundation consists of different number of blocks depending on the resultant force and GWL (ground water level).

The anchor blocks foundation is available for immediate use – no curing, no settling is needed. The foundation is place at terrain level. Wires and anchorage system must be chosen separately.

Standards used:

EN 1992-1 Design of concrete structures

EN 1997-1 Geotechnical- General rules

Application:

Block dimensions thickness/width/length[mm] – 200/1100/2200

Weigh of one block: 1200 kg

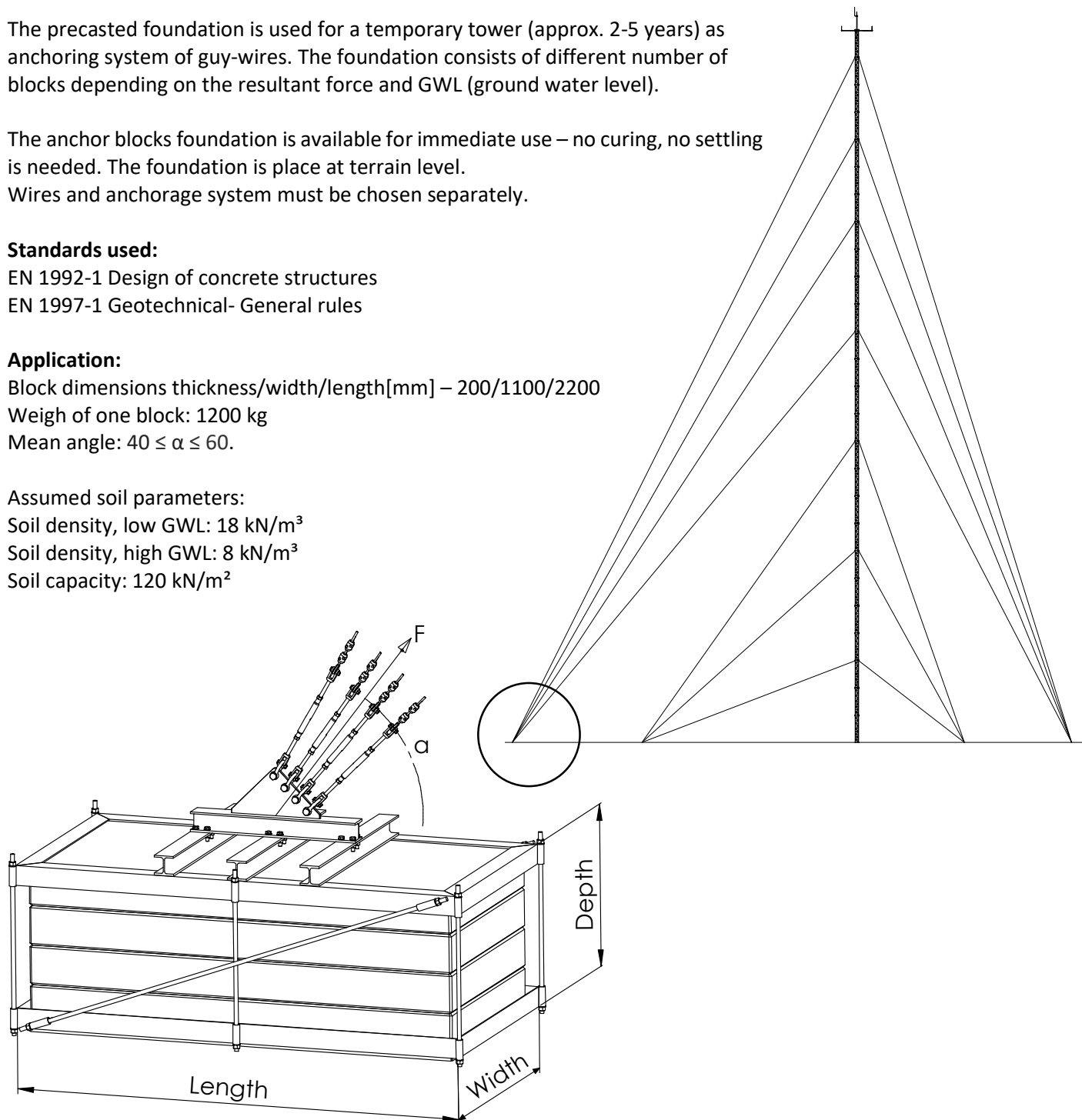
Mean angle: $40 \leq \alpha \leq 60$.

Assumed soil parameters:

Soil density, low GWL: 18 kN/m³

Soil density, high GWL: 8 kN/m³

Soil capacity: 120 kN/m²



No. of Blocks	Depth mm	Force in kN (lowGWL)			Force in kN (high GLW)		
		40°	50°	60°	40°	50°	60°
4	800	22,5	27,0	35,0	20,0	24,0	31,0
6	1200	37,0	44,0	56,5	31,5	37,5	48,0
8	1600	50,0	59,5	77,0	43,5	52,0	66,5