

ATLANTECH E-LUX MEDIUM 1300

Verified for Enel poles 12C15, 12D15, 12C14 and 12D14, maximum base diameter 335 mm

The following maximum stresses at the base due to the loads applied on the lighting pole were considered for the verification of the Atlantech E-Lux Medium 1300 foundation.

	Maximum stress
Bending moment	58.05 kNm

The Atlantech E-Lux Medium 1300 foundation, loaded with the above stresses, is verified with soils having the following geotechnical characteristics.

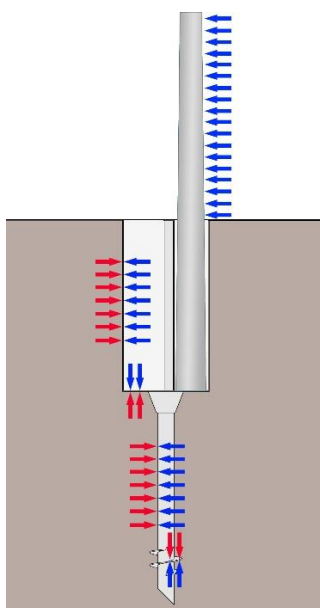
Cohesive soils

<i>Cohesion not drained</i>	$C_u = 0.5 \text{ kg/cm}^2 = 5000 \text{ kg/m}^2$
	$\text{Weight} = \gamma = 1900 \text{ kg/m}^3$

Cohesionless soils

<i>Cut resistance angle</i>	$\varphi = 30^\circ$
	$\text{Weight} = \gamma = 1900 \text{ kg/m}^3$

Indicative scheme of behavior of the Atlantech Lux foundation



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