

Basal reinforcement

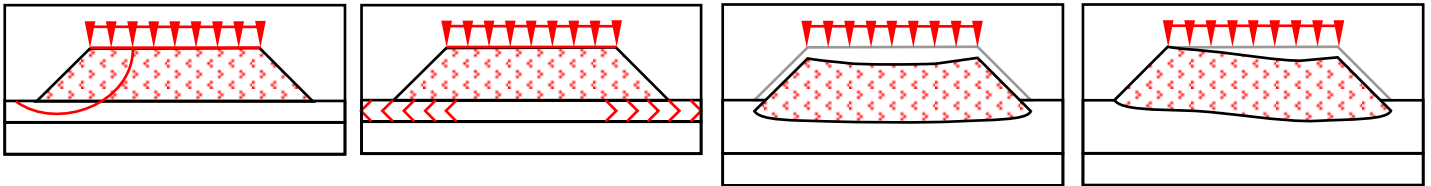
E-mail to: design@tensor.eu

Project : Location :

Company : Phone nr. :

Customer contact : E-mail address :

Desired performance: (select one or more):



- Preventing slip circles
- Preventing squeezing
- Reducing settlements
- Eliminating diff. settlements

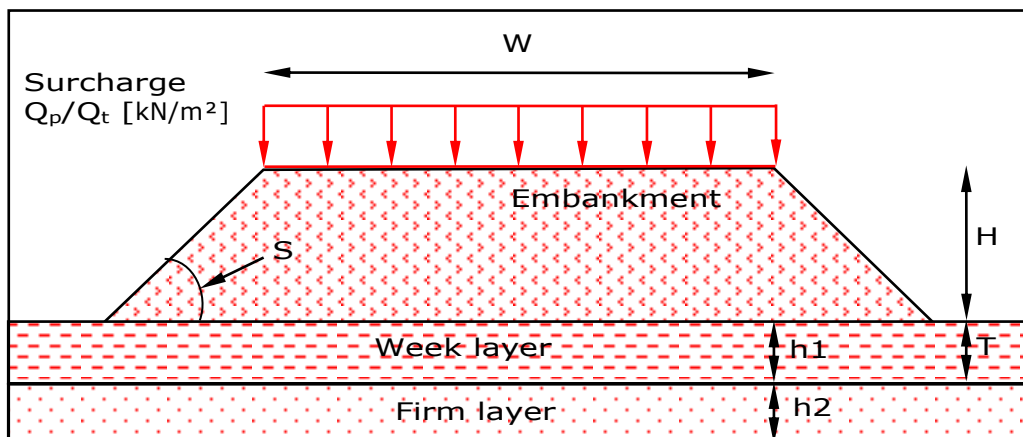
Geometry of embankment:

Embankment height H = m Depth weak layer T = m
 Embankment width W = m Permanent surcharge $Q_p = \dots\dots$ kN/m²
 Embankment slope S = ° Temporary surcharge $Q_t = \dots\dots$ kN/m²

Is there groundwater present? No Yes, distance form base of retaining structure m
 Are there drawings available? No Yes, please attach/send
 Is there a soil survey available? No Yes, please attach/send

Stratification of subsoil:

Layer	Level below surface: d [m]	Thickness: h [m]	Granular layer			Cohesive layer	
			Friction angle: ϕ' [°]	Soil weight: γ [kN/m ²]	Cohesion: c [kPa]	Shear strength: C_u [kPa]	CBR [%]
1	0						
2							
3							
4							



Maximum particle size of fill (select):

- < 40 mm
- < 75 mm
- > 75 mm

Any other relevant data or remarks? Please send along in email.