

TECHNICAL DATA SHEET

High-tensile steel wire mesh TECCO® G65/3

TECCO® high-performance steel wire mesh	
Mesh shape:	rhomboid
Diagonal:	$x \cdot y = 3.27 \cdot 5.63 \text{ in (+/- 3\%)}$
Mesh width:	$D_i = 2.56 \text{ in (+/- 3\%)}$
Angle of mesh:	$\epsilon = 49^\circ$
Total height of mesh:	$h_{tot} = 0.43 \text{ in (+/- 10\%)}$
Clearance of mesh:	$h_i = 0.20 \text{ in (+/- 10\%)}$
No. of meshes longitudinal:	$n_l = 2.13 \text{ pcs/ft}$
No. of meshes transversal:	$n_q = 3.67 \text{ pcs/ft}$

TECCO® steel wire	
Wire diameter:	$d = 0.118 \text{ in}$
Tensile strength:	$f_t \geq 256 \text{ ksi}$
Material:	high-tensile steel wire
Tensile resistance of a wire:	$Z_w = 2.8 \text{ kips}$

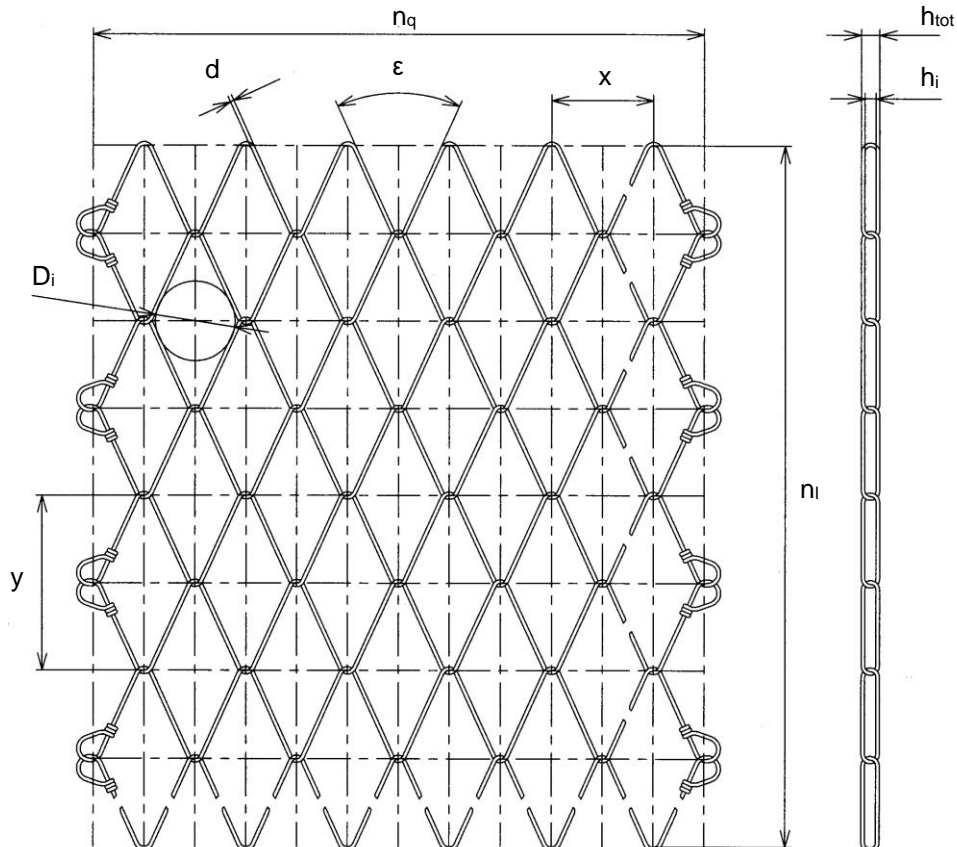
TECCO® corrosion protection **)	
Corrosion protection:	GEOBRUGG SUPERCOATING®
Compound:	95% Zn / 5% Al
Coating:	min. 0.0256 lb/ft ²

Load capacity (standard version)	
Tensile strength of mesh:	$z_k \geq 10.2 \text{ kips/ft}^*$
Bearing resistance against puncturing:	$D_R \geq 40.4 \text{ kips} / 54.0 \text{ kips}^*$
Bearing resistance against shearing-off:	$P_R \geq 20.2 \text{ kips} / 27.0 \text{ kips}^*$
Bearing resistance against slope-parallel tensile stress:	$Z_R \geq 6.7 \text{ kips} / 10.1 \text{ kips}^*$
Elongation in longitudinal tensile strength test:	$\delta < 6.0 \%$ *)
Classification according to EAD 230025-00-0106	group 2, class A (P33 and P66)

TECCO® mesh standard roll	
Roll width:	$b_{Roll} = 11.5 \text{ ft}$
Roll length:	$l_{Roll} = 98.4 \text{ ft}$
Total surface per roll:	$A_{Roll} = 1130 \text{ ft}^2$
Weight per ft ² :	$g = 0.338 \text{ lbs/ft}^2$
Weight per mesh roll:	$G_{Roll} = 386 \text{ lbs}$
Mesh edges:	mesh ends knotted

*) As in EAD 230025-00-0106 and referring to TÜV Rheinland LGA test report 01/2014 using spike plate P33 / P66

***) Next to the standard version with Zn/Al coating, the high-tensile steel wire mesh is also available in stainless steel (INOX) in 1.4462 (AISI 318), sea water resistant.



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