CONCRETE – EC-EN – Design – Reinforcement design 2D

Error code	Error message	Explanation
E/01	*Reinforcement cannot be designed. The position of reinforcement layers does not match the thickness of the member.*	*Decrease the concrete cover or increase the thickness of the 2D member.*
E/02	*Reinforcement cannot be designed. Internal forces are zero.*	*/*
E/03	*Used concrete class is not sufficient or used cement type is not allowed for selected combination of exposure class and working life.*	*Increase the concrete class or change cementy type.*
E/04	*Used water cement ratio vtc,ekv is too high for selected combination of exposure class and working life.*	*Decrease the water cement ratio.*

Warning code	Warning message	Explanation
W/01	*The applied provided reinforcement is not sufficient (As,prov < As,req).*	*Increase the amount of the basic or additional reinforcement.*
W/02	*The applied provided reinforcement exceeds the maximum limit (As,prov > As,max).*	*Increase the thickness of the member or the quality of used materials.*
W/03	*The designed required reinforcement exceeds the maximum limit (As,req > As,max).*	*Increase the thickness of the member or the quality of used materials.*
W/04	*The concrete cover of some required reinforcement is not sufficient (c < c,nom).*	*Increase the value of cover or switch the method for the determination of the cover to 'Auto'.*
W/05	*The concrete cover of some user reinforcement is not sufficient (c,user < c,nom).*	*Increase the concrete cover of the problematic user reinforcement.*
W/06	*The resistance of virtual concrete compression strut stiffening the reinforcement mesh is exhausted.*	*Change inefficient reinforcement geometry or increase the thickness of the member.*
W/07	*The resistance of virtual concrete compression strut in shear check is exhausted (vEd > vRd,max).*	*Increase the thickness of the member or the quality of used materials.*
W/08	*Some of user reinforcement is not take into account because of different position against the designed reinforcement.*	*To consider all user reinforcement adapt the concrete cover to be in align with the Design defaults.*
W/09	*Some of user reinforcement is not take into account because of different material against the designed reinforcement.*	*To consider all user reinforcement adapt the reinforcement material to be in align with the Design defaults.*