

Statement

Rawlplug SA hereby declares that seismic performance category C1 and C2 tests have been conducted for the R-HLX mechanical fastener, designed for use in cracked and uncracked concrete, in accordance with EAD 330232-01-0601 by the Centre Scientifique et Technique du Bâtiment (CSTB) based in Paris, France.

Rawlplug SA hereby declares that the ETA (European Technical Assessment) Approval is currently in progress, and the anticipated resistance characteristics will not be lower than:

Table 1 Tension and shear characteristic resistance

Size			10			12			14		
Nominal embedment depth h_{nom}	[mm]		55	75	85	60	80	100	65	85	115
Tension load C1											
Steel failure	$N_{Rk,s,C1}$	[kN]	54			83			111		
Pull-out failure	$N_{Rk,p,C1}$	[kN]	8	14	17	7	12	17	8	13	21
Shear load C1											
Steel failure	$V_{Rk,s,C1}$	[kN]	18			28			38		
Tension load C2											
Steel failure	$N_{Rk,s,C2}$	[kN]	54			83			111		
Pull-out failure	$N_{Rk,p,C2}$	[kN]	8			13			19		
Shear load C2											
Steel failure	$V_{Rk,s,C2}$	[kN]	8			22			21		



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