

Table 1: Undrained Bearing Resistance (BS EN 1997 Eq D1

Parameter	Value	Description
length (m)	0	Length of foundation
breadth (m)	0	Breadth of foundation
area (m ²)	0	Effective bearing area
cohesion (kPa)	0	Undrained shear strength
N _c	0	Bearing capacity factor
s _c		Shape factor
i _c	0	Load inclination factor
b _c	0	Base inclination factor
q _{nc} (kPa)	0	Total undrained bearing resistance
surcharge (kPa)	10	Surcharge adjacent to foundation
qult (kPa)	434.181175	Total ultimate bearing resistance