

The amount of consolidation expected in the mineral soil depends on its relative density. Roughly, it can be shown that soils have primary settlement on saturated soils at different rates, as presented below:

SOIL RANGE	TIME to PRIMARY SETTLEMENT
Granular Soils (<10 Clay)	Fast
Plastic Soils (10 - 30% Clay)	Medium - fast
Clay to Fat Clay (> 30% Clay)	Slow
Peats & Marls	Fast to Slow (Depending on fiber size)