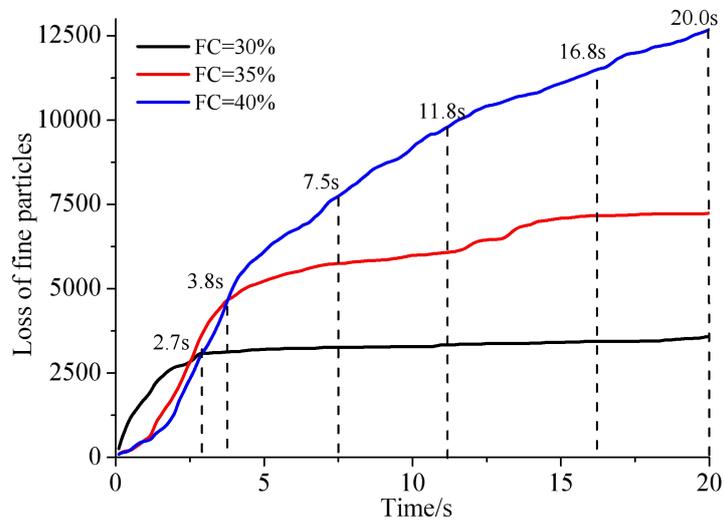


(a)



(b)

Figure 11 Macroresponses of the gap-graded samples of different FC: (a)Roof subsidence evolution; (b) Evolution of fine particle loss