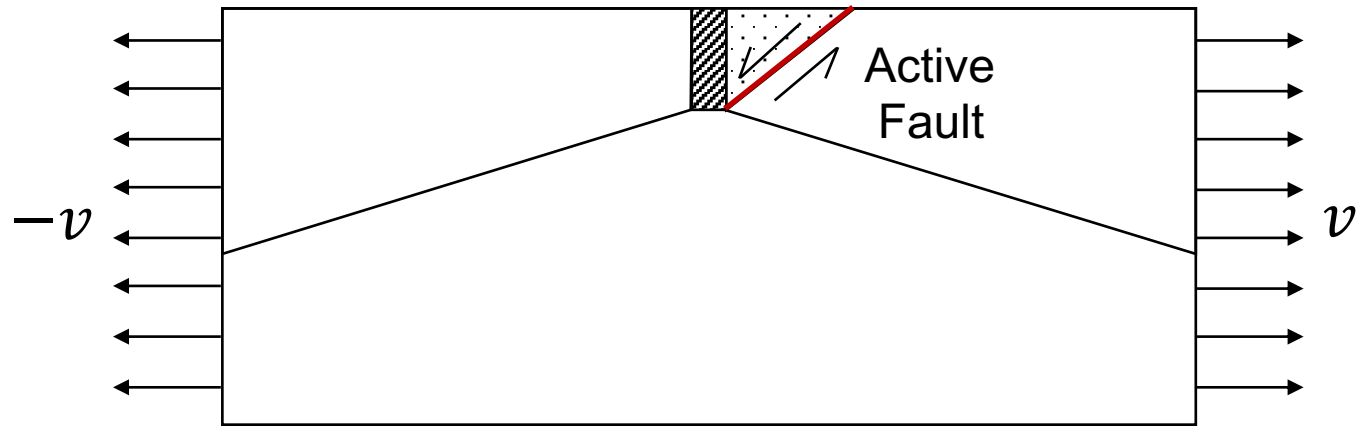


**A.**  $M=0.5$

Velocity of hanging wall block,  
 $U = 2v(M - 0.5)$   
 $= 0$



**B.**  $M=0.8$

Velocity of hanging wall block,  
 $U = 2v(M - 0.5)$   
 $= 0.6v$

