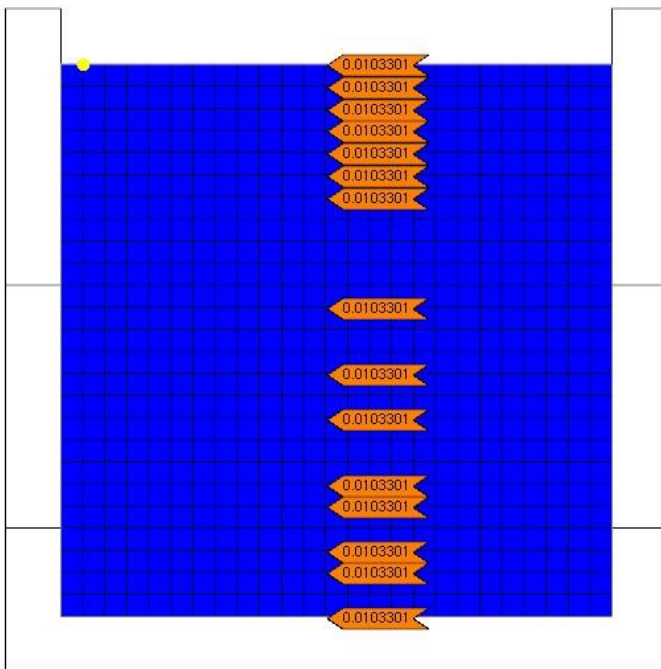


Q

## midas GTS NX/SoilWorks 非飽和土壤不飽和至飽和狀態模擬

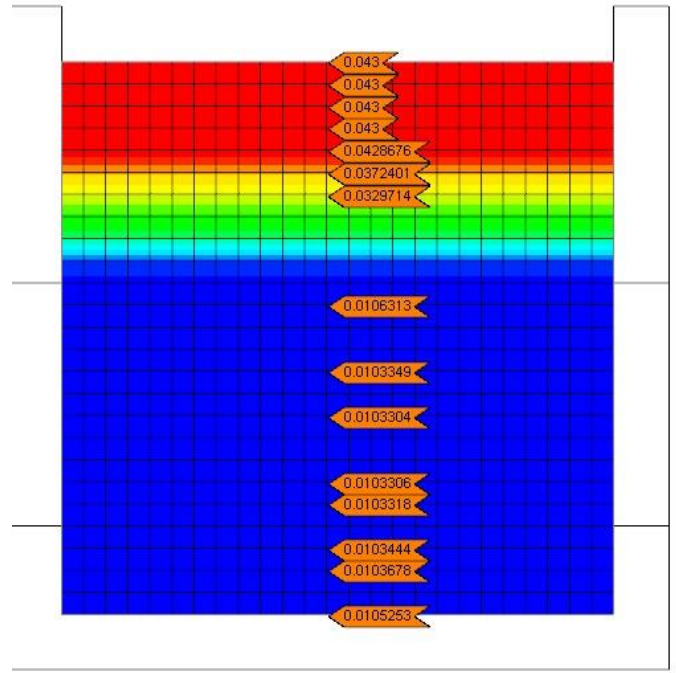
A

midas GTS NX和midas SoilWorks皆可模擬不飽和至飽和狀態之模擬，其透過不飽和土壤特徵曲線，給予一初始含水量，因降雨或水頭變化使其飽和之過程中，可模擬含水量隨飽和度增加之變化，以下各圖即是表面補水土體隨時間變化由土體表面含水量逐漸增加到吐體底部，最終所有土體皆為飽和，含水量(%)由0.01~0.043之過程。



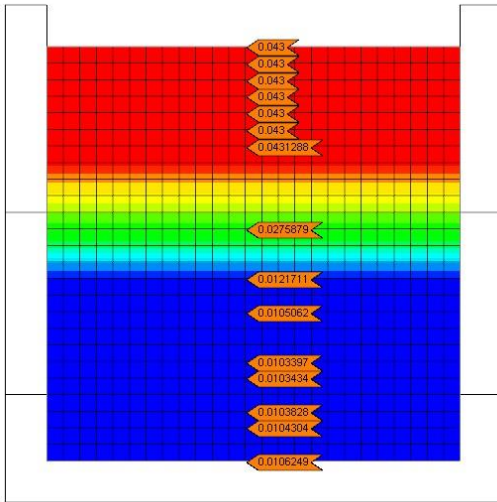
initial

Time : 0 sec.  
(乾土狀態)



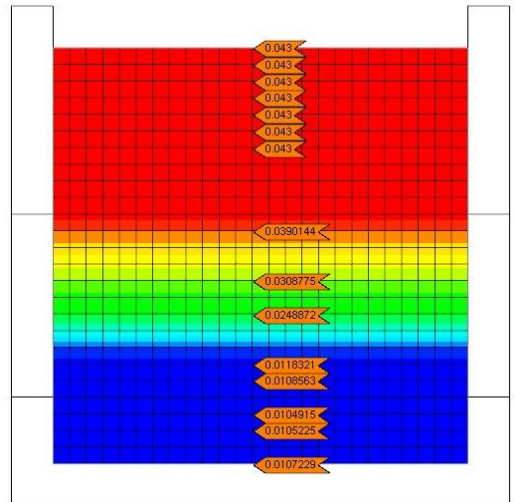
nstant head-Step 006(60)

Time : 60 sec.  
(表面土體開始飽和)



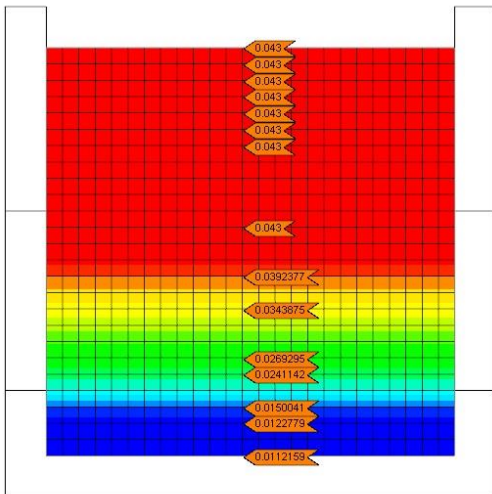
constant head-Step 012(120)

Time : 120sec.



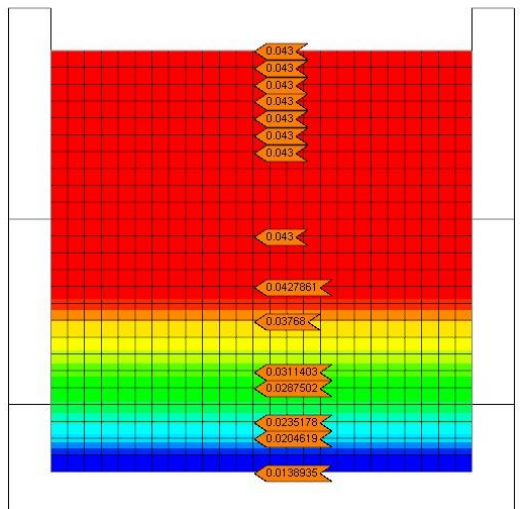
constant head-Step 020(200)

Time : 200sec.

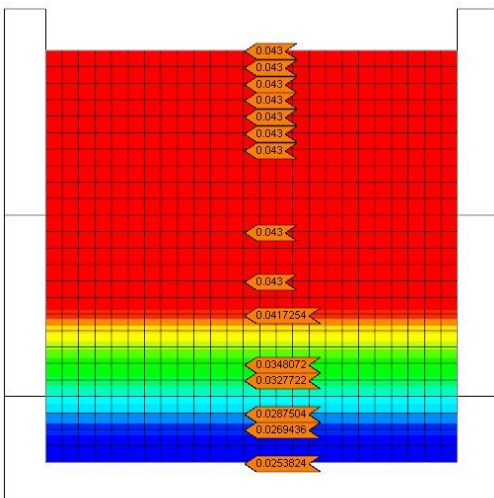


constant head-Step 028(280)

Time : 280sec.

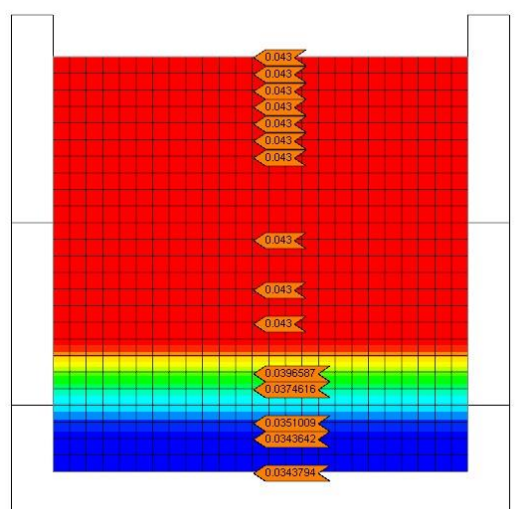


Time : 320sec.



constant head-Step 036(360)

Time : 360sec.



constant head-Step 040(400)

Time : 400sec.

