

## Adding Mirrors in GEMC

Done in the “identifiers” entry of the geometry:

Example (this would be one line but I break it up for reading convenience)

Mirror WithSurface: 1      (0: dielectric\_metal, 1: dielectric\_dielectric)  
WithFinish: 1              (0: polished , 1: ground)  
Refraction Index: 1008000 ( R.I. \* 1M, this correspond to 1.008)  
With Reflectivity 550000 ( R\*1M, this correspond to 0.55)  
With Efficiency 400000 ( E\*1M, this correspond to 0.4)  
WithBorderVolume: HTCC (border volume, necessary, must be at the end)

Mirror WithSurface: 1 WithFinish: 1 Refraction Index: 1008000 With Reflectivity 550000 With Efficiency 400000 WithBorderVolume: HTCC