Hardware Source:
Industrial Bolt and Supply
4041 Transport Street
Ventura, CA 93003
805-644-4243

Required Assembly:
1- 3/8" x 5" Stainless steel hanger bolt
2- 3/8" Stainless steel nuts
2- 3/8" x 1 1/2" Stainless steel fender washers
2- 1/4" x 1 1/2" Neoprene washers

Optional:
1- 3/8" x 1 3/4" Rod coupler
1- 3/8" DIA All thread rod

NOTE:
1. The waterproofing applicator would punch a 3/4" diameter or less hole in the Paraseal GM/LG membrane and slip the Paraseal GM/LG over the pre-installed Stud with stainless steel nut, washer and neoprene washer.
2. The waterproofing applicator would install the neoprene washer, stainless steel washer and nut followed by the Vulkem 116 sealant.

Paraseal GM/LG membrane
TREMDrain 1000 or Tremco Protection Mat

(1) 1/4" Thick x 1 1/2" DIA closed cell neoprene rubber washer applied on both sides of the Paraseal GM/LG membrane.

(1) 3/8" Inside DIA x 1 1/2" outside DIA stainless steel fender washer applied on both sides of the Paraseal GM/LG membrane.

(1) 3/8" Stainless steel nut applied on both sides of the Paraseal GM/LG membrane.

Vulkem 116 Polyurethane sealant Cant'

3/8" x 5" Stainless Steel hanger bolt. The portion of the stainless steel bolt that will be screwed into the wood lagging will have a lag style of thread, while the portion of the bolt that will be placed through the Paraseal GM/LG membrane will have a STD course thread for the 3/8" stainless steel nuts. A STD 3/8" x 1 3/4" rod coupler may be applied to the hanger bolt assembly by the rebar and shotcrete trades with STD 3/8" DIA all-thread rod only after the membrane is secured with the nuts, washers and with sealant cant' applied.

3/8" Hanger bolt
3/8" Rod coupler
1/4" Stainless steel fender washer with neoprene washer

NOTE: Paraseal products require a min of 24 PSF of compaction/confine ment in order to function as designed.