



Composite Sheet Piling

If simple sheet piling is not sufficient to secure a gap due to the high demand or extreme strain, then “Composite sheet piling” can be used.

With this wall type, long and heavy supporting piles (e.g. PSp or pipe profiles) are alternated with shorter and lighter interim piles. The charges created through the earth’s pressure, water and associations are fed into the foundation solely through the supporting piles. The interim piles only close up the space between the two supporting piles and transfer the loads to the supporting piles.

One of the advantages of this wall type is that high vertical loads can be passed into the wall through the supporting piles.

The use of combined sheet piling is primarily in the harbour area, where major gaps have to be overcome.



Installed supportin and interim piles



Installation of supporting piles



Completed building measures



Installed supporting piles



Installation of composite sheet piling on a pontoon