



Aarsleff Ground Engineering

Secant Pile Wall

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Aarsleff Ground Engineering have the specialist plant and expertise to install Secant Pile Walls. Aarsleff installs secant pile walls for basements, construction pits and slope stabilisation. Secant pile retaining walls can be constructed to provide load-bearing for structural foundations and as cantilever piled walls for protecting land failures.

- ✓ Secant walls are the ideal solution for the prevention of water ingress
- ✓ Construction of piles produces minimal ground disturbance to its surroundings
- ✓ Secant piles can be incorporated to provide load bearing for structural foundations
- ✓ Piles can be constructed in difficult ground conditions, such as cobbles and boulders



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Secant pile walls use cast-in-situ methods and are constructed by intersecting hard and soft concrete piles.

They are constructed with the female/ soft piles first, with the male/ hard pile constructed afterwards, intersecting the female/soft pile. Secant Walls are designed to be water resistant.

