

Aarsleff Ground Engineering

Ground Anchors



Ground Anchors

Aarsleff Ground Engineering has a wealth of experience in the design and installation of ground anchor systems where they can be utilised as either a permanent or temporary component. Typical examples where they can be applied include supports to bored and sheet pile retaining walls, stabilising marine structures and cofferdams, anti-flotation for deep structures, tie backs to river and canals, dam upgrading, rock face stabilisation and the strengthening of dock structures.

- ✓ High loads can be obtained in relatively poor ground conditions
- ✓ Lightweight and corrosion-resistant product enhances durability and design life, thereby decreasing life-cycle costs
- ✓ Rigs are equipped with specialist leaders which means that they can perform almost every kind of drilling work in every angle possible



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A ground anchor is a load transfer system designed to transfer the forces applied to it to a competent stratum. They carry very high loads to hold, restrain or support structures and/or slopes. They can be installed either vertically or in an inclined position and can be either passive or pre-stressed to 110% of working load post-installation.