

Concrete Mounting System

What are the different options for mounting structures?

The different options for mounting structures take into account the soil quality and other conditions at the installation site. These include: Ballast. If the soil conditions are not suitable for excavation or drilling, a ballast mounting system can use a pre-cast concrete block that is fastened to the ground.

Which mounting systems are compatible with all common roof types?

The mounting systems included in the portfolio are compatible with all common roof types and are characterised by high flexibility, reliability and top quality. More about novotegra La Ribera Market with 130 kWp PV plant La Ribera Market with 130 kWp PV plant Countries in which our systems have been sold so far Installed MW (2023)

What type of mounting structure is used for PV panels?

This mounting structure is often used for residential systems. Helical piles. In sites with weak granular soils, helical piles are driven deep into the ground and attached to the PV panels. They can withstand uplift forces caused by the soil expanding or by strong winds as the helixes in the poles keep them fixed in place.

Can a concrete foundation be used for a solar array?

Concrete foundations. Repurposed brownfield sites, capped landfills, and designated wetland sites are ideal for ground-mounted solar arrays, but they require foundation designs to be minimally invasive. These kinds of sites can use concrete foundation racking systems that do not disturb the ground underneath.

What are some examples of mechanical concrete anchors?

Examples of mechanical concrete anchors include expansion anchors, wedge anchors, and sleeve anchors. Expansion anchors, also known as drop-in anchors, are used to secure fixtures in solid and hollow concrete and attach heavy equipment such as shelving, machinery, and part of a structure.

What is multipole mounting?

Depending on the soil and weather conditions, some installations can require special adjustments to ensure the poles remain in place. Multipole mounting installs panels in a single line horizontally rather than separately, providing an advantage for large installations as all panels can be adjusted at once. Ground screws.

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