



COMPACTGROUND **RAM-X 2.2**

INTELLIGENT. WELL-DESIGNED. COMPACT.

Efficient open space piling system solution

The Compact**GROUND RAM-X** product range has been specially developed to meet the global requirements of an efficient open space piling system. In addition to high-quality materials and an ergonomic design, the range of short assembly times was also considered as the main criterion. The Compact**GROUND RAM-X** system combines high-quality materials, well thought-out design and customer-oriented thinking with „efficiency in detail“.

AEROCOMPACT®



CONFIGURATION

Two-foot system

Module orientation **vertical**

Module inclination **0° – 30°**

Minimum distance of the lower edge of the module to the top edge of the ground: **0.40 m**

Table lengths up to **30 m**

STATIC DESIGN

Optimal use of materials adapted to project location

Verifiable structural analysis according to Eurocode (calculated individually for each project)

Snow load calculation according to **EN 1991 - 1 - 3**

Wind load calculation according to **EN 1991 - 1 - 4**

Calculation of the supporting forces to determine the embedment depth

GEOLOGICAL EXPERTISE IF NEEDED

Determination of the **soil mechanical parameters**

Chemical analysis of the soil

Calculation of the **embedment depth of the pile foundations**

Recommendations regarding the foundation in general

Recommendation regarding corrosion protection



MATERIALS

Pile-driven foundations made of **steel S350 GD** (Material thickness 3.0 mm or 3.5 mm)

Vertical girders made of **steel S320 GD**

Module girders made of **steel S320 GD** or **aluminum EN AW6063**

Connecting elements made of **stainless steel A2/A4** or **galvanized steel 8.8**

Module fastening with click clamps made of **aluminum EN AW6063** or **stainless steel screws A2/A4**

*All standard materials used can be modified according to customer requirements.

CORROSION PROTECTION

High-quality strip galvanizing according to **EN 10346**

Coating optionally with **zinc Z600** (42 µm) - **Z1200** (85 µm)

Coating optionally with **zinc - magnesium ZM310 - ZM1000**

Determination of the protection period of the coating (**ISO 9223**)

Corrosion protection in almost all soil classes

Corrosion protection in all corrosion classes (**C1 - CX**)

Cooperation with **Fraunhofer ISE** in the field of corrosion protection

Additional coating options (powder coating, epoxy resin)

MONTAGE

Shortest assembly times due to efficient design

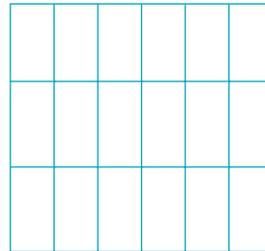
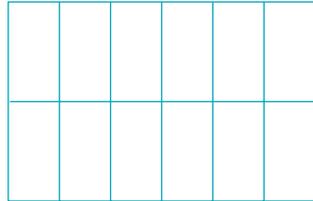
Optimally matched system components



GUARANTEE

10 years product warranty

ARRANGEMENT VARIANTS



HEADQUARTER EUROPE

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