

Product Data Sheet

Terra-Lock™ Earth Percussion Anchors are designed to provide drive efficiency and maximize load capacity across a wide range of applications. The Terra-Lock™ A2 Anchor is made of corrosion resistant Zinc Aluminum and will provide the holding capacity your project needs for many years.

Component	Туре	Material	Test Method	Physical Properties
Anchor Head	TLA2	Zinc-Aluminum Alloy - ZA 2 (1)	ASTM B-240-10	3.44" x 1.22" x 0.81" (L x W x H) Bearing Area: 3 in ²

⁽¹⁾ Corrosion resistant pressure die cast zinc alloy

Performance Properties	Value	Data
Typical Anchor Load Range ⁽²⁾	lbs	150-600
Maximum Working Load(2)	lbs	990
Ultimate Anchor Pull Out(3)	lbs	2,870

⁽²⁾ Values are soil dependent; See graph on the following page.





SPT Count & Gripple Anchor Performance

The Standard penetration test (SPT) is widely used to determine the strength and deformation properties of the course soil.

Approximate correlation of properties of

SPT 0-4 SPT 4-10 SPT 10-30 **SPT 30-50**

These figures can then be used to obtain typical shear strength and bulk unit weight

This information is then used to predict Gripple Anchor Performance in relation to

The following graphs are derived from idealized theoretical calculations and should be used as a guide only. The variability of soil types should always be taken into account and on-site testing should always be carried out in order to obtain more accurate results.

⁽³⁾ Value based on an install depth of 5ft in very dense soil.