

DEEPWATER

TIMBERSLED™

General

Timbersled™ shallow anode sleds are low-profile timber sleds laid with impressed-current anodes designed for use in fresh or brackish water. The system is designed for use in shallow near or inshore water applications such as docks and jetties and has a design life of twenty (20) years.

Additional ballast can be added to increase stability. Buoyant topside markers can be installed if dredging is expected.

Overall weight and dimensions

| | |
|------------------------|--|
| Dimensions (H x W x L) | 14.16" x 96" x 96" [300 x 2438 x 2438 mm] |
| Weight (Air) | 1650 ± 110 lb [748 ± 50 kg] |
| Weight (Water) | 631 ± 110 lb [286 ± 50 kg] |

Lifting frame (Item 1)

| | |
|-----------------------|--|
| Material | 6" x 6" treated lumber |
| Dimension (H x W x L) | 9" x 96" X 96" [229 x 2438 x 2438 mm] |
| Lifting eyebolts | 4 x 7500 lb WLL at 45 Deg |

Anode support platform (Item 2)

| | |
|-----------------------|---|
| Material | Fiberglass grating |
| Specification | Chemical-resistant vinyl ester resin |
| Dimension (H x W x L) | 1.0" X 48" X 96" [25 x 1219 x 2438 mm] |
| Quantity | 2 pieces |

Anode securement (Item 3)

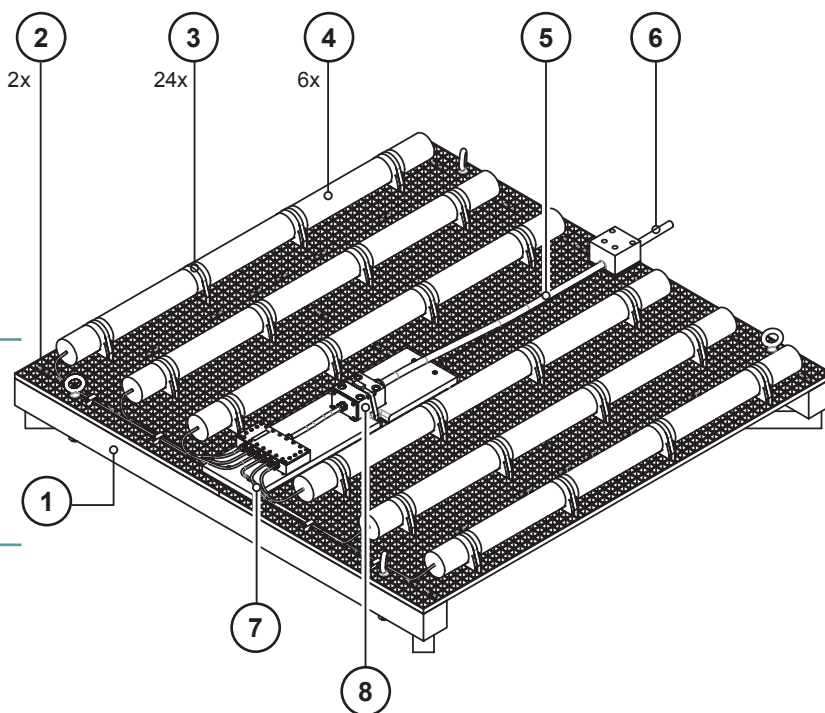
| | |
|-----------------------|--|
| Saddle material | UHMWPE |
| Dimension (T x W x L) | 1.25" X 8.00" X 7.00" [32 x 203 x 178 mm] |

HSCl anode element (Item 4)

| | |
|-------------------|------------------------------------|
| Base material | High Silicone Cast Iron anode |
| Specification | ASTM A518 Grade 3 [BS 1591 14 4] |
| Dimension (Ø x L) | Ø3.2" x 84" [81 x 2133 mm] |
| Net anode mass | 123 lb (55.79 kg) each |
| Quantity | 6 |

Cable mechanical protection (Item 5)

| | |
|---------------|---|
| Base material | UHMWPE with EPDM sheath |
| Dimension | (Ø x L) Ø2.5" x 49.5" [64 x 1257 mm] |



Features

- Suitable for any seabed type
- Limited diver intervention required for shallow waters
- Rugged and cost-effective

Standard feeder cable (Item 6)

| | |
|------------|--|
| Type | 1C x 2 AWG [16 mm²] Flexible stranded |
| Material | Soft annealed stranded tinned copper conductor to ASTM B33 |
| Insulation | Cross-linked polyolefin |
| Sheath | High density polyethylene |
| Armor | Single wire galvanized armor |

Anode cable (Item 7)

| | |
|------------------|--|
| Construction | #4 AWG [25 mm²] Mylar / XLPE |
| Material | Soft annealed stranded tinned copper conductor to ASTM B33 |
| Cable protection | PVDF heat shrink sleeving |

Cable armor termination (Item 8)

| | |
|------------------|-------------------------|
| Construction | Spelter socket assembly |
| Material | Acetal |
| Cable protection | Termination support |