



Solid-State Reference Electrode for Storage Tank Thru-Hull Applications



- One of **BORIN Manufacturing's** most unique reference electrodes is the **STELTH 8**, designed for thru-hull applications of boats or storage tanks.
- The **STELTH 8** is robust; it's built with an 18.8 Stainless steel fittings and a ceramic plug similar to the **STELTH 2** with our proprietary Moisture Retention Membrane (MRM™).
- Depending on the chemistry you choose for the **STELTH 8**, it can be used in both fresh water and/or high-chloride water service (such as the ocean).
- All **BORIN STELTH** reference electrodes feature our **unique ceramic** utilizing our **proprietary moisture-retention membrane (MRM™)** that traps moisture within the ceramic and keeps the cell's internal electrolytes from leeching out.
- **BONUS:** Thanks to both the MRM and its solid-state electrolyte form, your **STELTH** will **never need recalibrating, recharging, or servicing of any kind.**
- **Worry-free buying:** Each **BORIN STELTH 8** solid-state reference electrode comes with a **20-year service life warranty** and is individually tested, certified, and has a unique serial number, allowing for traceability of any single cell throughout its lifetime.

FEATURES:

Uses	Thru-Hull Tanks; Tank Interior Applications, Fluid Tank Service
Size	4.25" (108 mm) width top x 0.5" width ceramic plug x 12" (305 mm) length high-impact ABS (any length available)
Material	18.8 Stainless steel and a ceramic with Moisture Retention Membrane (MRM™)
Service Life/Shelf Life/Stability	Minimum 20-year service life; Infinite shelf life, infinite stability
Long Term Stability Range	±5 millivolts
Certified Potential Range	±5 millivolts vs. standard
Maximum Continuous Current	0.3 microamps
pH Range	4–9 pH
Working Temperature Range	32° F to +176° F (0° C to 80° C)
Material Temperature Range	-60° F to +185° F (-51° C to 85° C)

MODELS:

STELTH® 8 – Hydrocarbon-Proof (Pd-PdCl₂)

Model SRE-050-HCP

For storage tank "Thru-Hull" applications in any chloride environment.

STELTH® 8 – Silver-Silver Chloride (Ag-AgCl)

Model SRE-035-STB

For storage tank "Thru-Hull" in seawater/chloride environments (with chloride plus bromide levels in excess of 1,000 ppm but less than 19,000 ppm).

STELTH® 8 – Copper-Copper Sulfate (Cu-CuSO₄)

Model SRE-034-CTY

For storage tank "Thru-Hull" in low chloride environments (can tolerate chloride plus bromide levels up to 1,000 ppm).

STELTH® 8 – Zinc-Zinc Sulfate (Zn-ZnSO₄)

Model SRE-036-ZTR

For storage tank "Thru-Hull" in low chloride environments (can tolerate chloride plus bromide levels up to 1,000 ppm).