



POOL **DEFENDER** WATER BOND SKIMMER

***ARE YOU PROPERLY
WATER BONDING
EVERY POOL?***
IN GROUND POOL
WATER BONDING
IS NOW MANDATED
BY NATIONAL
ELECTRICAL CODE
REQUIREMENTS.



EVERY POOL NEEDS A DEFENDER®

www.c-m-p.com/pool-defender



Since 2008 the National Electrical Code (NEC) has mandated that pool water must be electrically bonded, **not** just metals in the structure of the pool itself. Typically pool water is bonded at the light. With the advent and growing popularity of "nicheless" LED lights, a new solution is required. Every pool has a skimmer, so you can easily meet electrical code requirements with the Pool Defender® In Ground Skimmer with an integrated water bond.

- Bonding plate is in constant contact with the water *even when the pump is off* which is a key water bonding requirement.
- Designed with no holes below the water line
- ETL Certified
- Meets NEC2008 680.26(C) as a water bonding device
- Conforms to UL 1081, UL 1563, CAN/CSA-C22.2
- Use with the Brilliant Wonders 1.5" LED Light
- Also available: Inline Bond and Zinc Anode

1 **CONNECTS TO POOL BONDING WIRE**
Attach to the bonding wire to protect the entire pool. A rubber seal prevents leaks, and there are no holes above the water line.

2 **EMBEDDED COPPER WIRE**
Copper bonding wire runs safely behind the skimmer basket to the bottom of the skimmer body.

3 **STAINLESS STEEL BONDING PLATE**
304 Stainless steel plate is safely placed behind the pool basket, and locks into specially designed grooves.



Pool Defender® Skimmer "Cut-away" View

FREQUENTLY ASKED QUESTIONS

What is the purpose of water bonding?

Water bonding makes the pool safer. Bonding reduces the risk of electric shock, potentially protecting swimmers from serious injuries.

Why is water bonding important if the pool structure is also bonded?

Stray electrical current can still enter the pool water that is not always in contact with the bonded pool structure. The Pool Defender® skimmer conveniently ties into the structural bonding of the pool.

Is water bonding required in all areas?

While local interpretations may vary, the NEC requirements mandate national code guidelines. Ultimately, water bonding protects swimmers which should **always** be the highest priority.

For more information on water bonding and NEC code visit neconnect.org

ORDERING GUIDE

CMP P/N	DESCRIPTION	COLOR	GPM	PLUMBING SIZE
25140-510-000	POOL DEFENDER ABS GUNITE SKIMMER, DUAL PVC PORT	WHITE	75 GPM	2"S×2.5"SP
25140-519-000	POOL DEFENDER ABS GUNITE SKIMMER, DUAL PVC PORT	WHITE/TAN	75 GPM	2"S×2.5"SP
25140-500-000	POOL DEFENDER ABS GUNITE SKIMMER, DUAL PVC PORT (INCL. FLOAT VALVE)	WHITE	75 GPM	2"S×2.5"SP
25140-509-000	POOL DEFENDER ABS GUNITE SKIMMER, DUAL PVC PORT (INCL. FLOAT VALVE)	WHITE/TAN	75 GPM	2"S×2.5"SP
25140-520-000	POOL DEFENDER ABS GUNITE SKIMMER, SINGLE PVC PORT	WHITE	75 GPM	2"S×2.5"SP
25140-529-000	POOL DEFENDER ABS GUNITE SKIMMER, SINGLE PVC PORT	WHITE/TAN	75 GPM	2"S×2.5"SP
25160-510-000	POOL DEFENDER VINYL SKIMMER, REGULAR MOUTH	WHITE	75 GPM	2"S×2.5"SP
25160-610-000	POOL DEFENDER VINYL SKIMMER, WIDE MOUTH	WHITE	75 GPM	2"S×2.5"SP
25140-500-110	REPLACEMENT SS PLATE KIT (INCLUDES NUT & BOLT)	—	—	—