



# POOL **DEFENDER**

WATER BOND SKIMMER

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



**EVERY POOL NEEDS A DEFENDER™**

[www.c-m-p.com/pool-defender](http://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 new "nicheless" LED lights, a new solution is required. Easily meet code requirements with the Pool Defender™ In Ground Skimmers with an integrated water bond.

- Located in the skimmer for constant water contact, even when the pump is off which is a key water bonding requirement.
- Water Bond the entire pool
- 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: Pool Defender™ Above Ground Pump Water Bond and Pool Defender Inline Bond and Zinc Anode.

1. **CONNECTS TO POOL BONDING WIRE**  
Designed to attach to the bonding wire, protecting the entire pool. A built in rubber plug prevents leaks.
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.

### FREQUENTLY ASKED QUESTIONS

**What is the purpose of water bonding?**

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.

**Is water bonding required in all areas?**

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



Pool Defender™ Skimmer "Cut-away" View

### ORDERING GUIDE

POOL DEFENDER™ IN GROUND WATER BOND SKIMMER					
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	
25140-500-000	POOL DEFENDER ABS GUNITE SKIMMER, DUAL PVC PORT (INCL. FLOAT VALVE)	WHITE	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	TAN LID/COLLAR	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)	—	—	—	