



**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



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.



Pool Defender™ Skimmer "Cut-away" View

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.

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



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