



**PRESSROOM
SUPPLIES**

GANS DIAMOND ETCH PCEW

FOUNTAIN SOLUTION / ALCOHOL REPLACEMENT

Item Code S-1810

Diamond Etch PCEW is our most sophisticated fountain solution formulated for the widest of applications. This product will out perform any competitor's fount by reducing roll up times, desensitizing the most difficult of plate surfaces, and maintaining the most stable pH with the widest latitude of waters demonstrating virtually little or no pH drift!

ADVANTAGES

- ***COMPATIBLE WITH ALL PRINTING PLATES (BOTH CONVENTIONAL AND CTP)***
- ***STRONG BUFFER SYSTEM MAINTAINING PH / CONDUCTIVITY WITH ALKALINE PAPERS OR HARD WATERS***
- ***PREVENTS PLATE BLINDING AND PICTURE FRAMING BOTH ON PLATE AND BLANKET***
- ***FOR USE ON SHEETFED AND WEB PRESSES***
- ***IMPROVED INK AND WATER BALANCE WITH MULTIPLE VARIETIES OF INKS***
- ***CONTAINS ANTI FOAMING AGENTS TO ASSIST IN COMBATTING MECHANICAL AND CHEMICAL FOAM ISSUES***

DIRECTIONS FOR USE

The recommended dosage for this product is 6 oz. per gallon to be run as one step based on the press dampening system configuration. Some presses may require this product to be used in a two step fashion.

FOR USE AS A TWO STEP PRODUCT WHEN PRINTING WITH CONVENTIONAL OR SUBLIMATION INKS:

*Based on particular dampening systems, printing plates or ink formulations, this product may require the assistance of one of our alcohol substitutes. The Ideal dosage for utilizing this product in a two step form should be 4 oz. per Gallon of Diamond Etch PCEW (Item Code S-1810) and 2 oz. Diamond AR alcohol replacement (Item No. S-1821).

Etch Auto Dosing: 3.2% Diamond Etch PCEW

Alcohol Replacement Auto Dosing: 1.6% Diamond AR

FOR USE AS A TWO STEP PRODUCT WHEN PRINTING WITH SHEETFED UV / HYBRID / EB INKS:

*Based on particular dampening systems, printing plates or ink formulations, this product may require the assistance of one of our alcohol substitutes. The Ideal dosage for utilizing this product in a two step form should be 4 oz. per Gallon of Diamond Etch PCEW (Item Code S-1810) and 2 oz. Diamond SUB alcohol replacement (Item No. S-1820).

Etch Auto Dosing: 3.2% Diamond Etch PCEW

Alcohol Replacement Auto Dosing: 1.6% Diamond SUB

SPECIFIC pH / CONDUCTIVITY RANGES

****All Measurements have been taken utilizing Reverse Osmosis Water. Readings may slightly vary.***

pH: 3.2

As a One Step: The desired starting conductivity for this product is 1320 over water. This product carries a conductivity of 220 mmhos per ounce over water

As a Two Step: The desired starting conductivity for this product combination should be 880 over water. Either of our alcohol substitutes recommended do not contribute to the solution's conductivity.