

# SMOOTH PEARL

## APPLICATION INSTRUCTIONS



### INTRODUCTION

**OVERVIEW:** Smooth Pearl is a unique pearlescent finish that consists of a (a) color coat, (b) an effect coat and a (c) protective clear coat.

**IMPORTANT NOTE:** Smooth Pearl is a highly reflective finish that will telegraph any flaws. Before starting, make sure all surfaces that are supposed to be smooth are as smooth as possible.

**a) BASE COAT:** The base coat in this finish is the color coat and must be spray applied. (airless can be used for base only)

**b) EFFECT COAT:** Effect coat must be spray applied using conventional spray equipment, HVLP or Hybrid

***WARNING! READ ALL WARNINGS & TROUBLESHOOTING SECTION PRIOR TO STARTING!***

**c) PROTECTIVE CLEAR COAT:** Clear coat must be spray applied using conventional spray equipment, HVLP or Hybrid.

### FINISH COMPONENTS

FINISH NAME:	BASE:	EFFECT:	PROTECTIVE COAT:	ADDITIVE:
SMOOTH PEARL	MASTER COAT 100	CLEAR PEARL COAT	ULTRA CLEAR (FLAT/SATIN/GLOSS)	MASTERLINK

**IMPORTANT NOTE ABOUT ADDITIVE:** Masterlink™ is a performance additive that is added to all three coats of the Smooth Pearl finish. This additive increases the stain resistance and durability of the finish. Failure to **add 2 ounces of Masterlink per gallon** will result in a finish that is not as durable as is published and in addition, will void the warranty.

**IMPORTANT NOTE ABOUT ULTRA-CLEAR:** The Ultra Clear provides a layer of protection as well as a **consistent sheen** for the Smooth Pearl finish.

### REQUIRED EQUIPMENT

#### CONVENTIONAL:

- BINKS® 2001 - 63 PB External Mix Air Cap
- 66 SS Fluid Nozzle
- 565 Needle
- 2 Gallon Pressure Pot

#### HVLP:

- Graco 4900 ProComp
- #3 Needle/Nozzle set-up or
- comparable equipment

#### HYBRID:

- BINKS Mach 1 - 94P air cap
- 97 Fluid Nozzle
- 2 gallon Pressure Pot or Comparable Equipment

**NOTE ABOUT EQUIPMENT:** All systems will provide a consistent finish. However let the job determine which is used. Conventional will be the fastest method, followed by Hybrid and then HVLP. However HVLP is the most convenient, making it useful on small jobs.

## PRODUCT PREPARATION



### 1. ADD TWO OUNCES OF MASTERLINK PER ONE GALLON OF PAINT.

**NOTE:** Wait to add Masterlink to each Scuffmaster product until immediately prior to its application. Mix thoroughly!

**RATIO OF MASTERLINK TO PRODUCT:** 2 ounces / gallon

**SHELF LIFE ONCE ADDED:** 36 hours

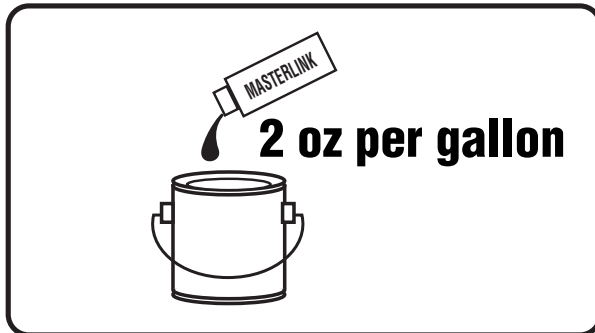
**POT LIFE ONCE ADDED:** 8 hours

## READ MASTERLINK MSDS

2. Mix Thoroughly. Clear Pearl Coat can settle so check bottom of can to make sure properly mixed.

3. Strain Clear Pearl Coat and Ultra Clear protective clear coat.

## APPLICATION INSTRUCTIONS – BASE COAT



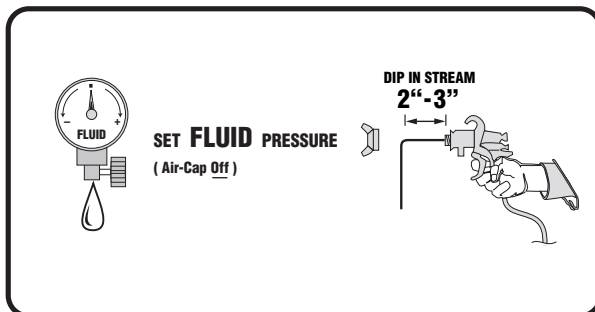
**AFTER ADDING MASTERLINK, MASTER COAT 100 IS SPRAY APPLIED LIKE ANY REGULAR PAINT.**

**NOTE:** MC100 provides the background color for the Smooth Pearl finish.

**NOTE:** Spray-application of Master Coat 100 can be done using any one of the systems listed on page one, including an airless sprayer.

**SPRAY TIP SIZE:** .015 tip.

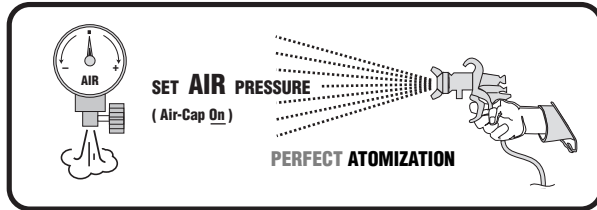
## PEARL COAT — EQUIPMENT SET-UP



**IMPORTANT:** Make sure you have a control sample before you start spraying the Clear Pearl Coat. Applying too much Clear Pearl Coat will shift the color of the Smooth Pearl finish. The result may be an unacceptable color match.

**A) IF USING A CONVENTIONAL OR HYBRID SYSTEM:** (fig. 4) Remove the air cap and set the air pressure to "0" and then increase fluid pressure until a 2 to 3-inch stream of material is shot straight from the gun, prior to dip (*continued on next page*).

## PATTERNED FINISHES – APPLICATION INSTRUCTIONS ( continued )



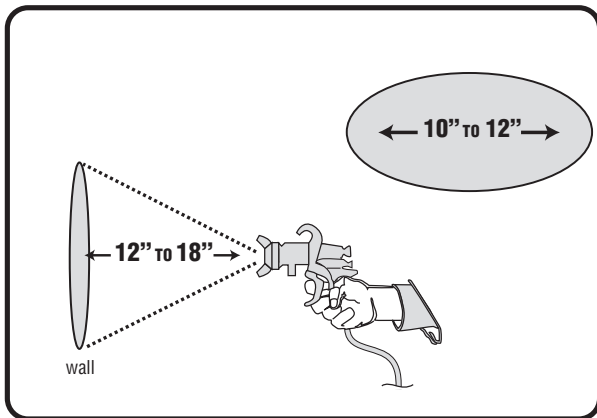
( CONVENTIONAL & HYBRID SYSTEM SET-UP CONTINUED )

Return air cap to the tip of the gun and add air pressure until perfect atomization is achieved.

**CAUTION:** Any “spitting” in the Clear Pearl Coat may result in an unacceptable finish

**B) IF USING A HVLP SYSTEM** Use highest air setting. If this does not provide perfect atomization, adjust the trigger to reduce the paint flow until perfect atomization is achieved.

### MECHANICS OF SPRAY



**1) DISTANCE FROM WALL:** Position the gun approximately 12” - 18” from the surface to be painted.

**2) SPRAY A DUST COAT – FLOOR TO CEILING – 50% OVERLAP**  
Do not spray with a wet edge. The spray stroke is too fast for wet edge to develop.

**WARNING!** DO NOT OVER APPLY PRODUCT. FINISH WILL BECOME LIGHT AND WILL REQUIRE STARTING OVER FROM THE BASE COAT.

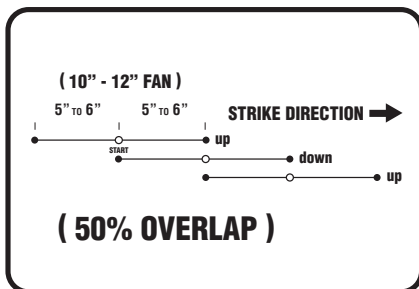
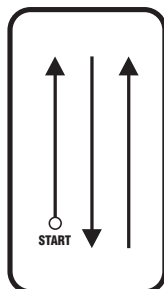
**3) FOLLOWING THE FIRST LIGHT DUST COAT, COMPARE WALL TO CONTROL SAMPLE.** If necessary, apply a second light pass of the Clear Pearl Coat.

**NOTE:** If darker than sample – apply another light mist.

**NOTE:** If lighter than sample – see Troubleshooting section

**4) IF PEARL COAT IS ACCEPTABLE:** Apply one coat of the Ultra Clear Satin/Gloss/Flat clear coat using the same settings as the Clear Pearl Coat. Use a 50% overlap to ensure even coverage in one coat.

**NOTE:** The Ultra Clear will look milky before drying clear.



**IMPORTANT:** FOR BEST RESULTS, SCUFFMASTER RECOMMENDS APPLICATION ON A VERY SMOOTH SURFACE. WE ALSO RECOMMEND THAT NEW SHEETROCK BE PREPARED TO A LEVEL 5 SMOOTHNESS IN ACCORDANCE WITH THE GYPSUM ASSOCIATION'S GA214 STANDARD.

technical support: 1.800.898.0219

documents: [www.scuffmaster.com](http://www.scuffmaster.com)



PEARL COAT APPLICATION INSTRUCTIONS

