



Pretty. Tough. Paint.

Pretty Collection | Application Instructions

Smooth Pearl™

Smooth Pearl is a unique pearlescent finish that consists of a color coat, an effect coat and a protective clear coat.

Found in this document:

- Finish components
- Equipment
- Masterlink
- Preparation
- Application
- Troubleshooting

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.

Finish components:

- Base: Master Coat 100
- Effect Coat: Clear Pearl Coat
- Protective Clear Coat: Ultra Clear Flat/Satin/Gloss

Equipment

- Base: Brush, roll, spray (airless can be used for base only)
- Effect coat: Spray – conventional, HVLP or hybrid
- Protective clear coat: Spray – conventional, HVLP or hybrid

Conventional: Binks 2001 – 63PB 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

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.



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Important Note: Masterlink™ is a performance additive that is added to the base and pattern of all Tough Scuffmaster finishes. 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 it should be in addition to voiding the warranty.

Thoroughly mix Masterlink into the Scuffmaster product immediately prior to application.

Ratio: 2 ounces / gallon | **Shelf life:** 36 hours | **Pot life:** 8 hours

Material Prep

1. Add Masterlink to each product just prior to application.
2. Clear Pearl Coat can settle. Mix thoroughly.
3. Strain Clear Pearl Coat and Ultra Clear protective clear coat.

Application Instructions

Master Coat 100

After adding Masterlink, Master Coat 100 (MC100) is applied like regular paint. MC100 provides the background color for the Smooth Pearl finish.

- Spray-apply Master Coat 100. This can be done with an airless sprayer. Use a .015 tip.
- Roll the MC100, use a 3/8" knap roller.

Remember, any flaws, including lapping or a heavy stipple, will be visible in the finish.

Important: Make sure you have a standard 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.

Paint set-up

Conventional and Hybrid

1. Remove the air cap and set the air pressure to "0".
2. Increase fluid pressure until a 3-inch stream of material is shot straight from the gun.
3. Return the 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



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HVLP

Use highest air setting. If this does not provide perfect atomization, adjust the trigger to reduce the paint flow until perfect atomization is achieved.

Spray Technique

- Position the gun approximately 12" from the surface to be painted.
- Spray a dust coat from floor to ceiling with a 50% overlap. Do not spray with a wet edge. The spray stroke is too fast for wet edge to develop.
- After the first light dust coat, check the wall with the control sample. If necessary, apply a second light pass of the Clear Pearl Coat.
- Check the wall against the control sample. If the Clear 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. The Ultra Clear will look milky before drying clear. The Ultra Clear provides a layer of protection as well as a consistent sheen for the Smooth Pearl finish.

Smooth Pearl Troubleshooting: Read before spraying

Issue	Cause	Solution	Also
Wrong Color: Too dark	Not enough Clear Pearl Coat (CPC)	The CPC, because it is a mica flake, will lighten the base color. Apply another light mist coat over the finish.	Make sure to check the color of the finish before the application of the Ultra Clear protective clear coat. If the color does not match it will be easier (and cheaper) to fix the issue if the protective clear coat was not applied.



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Wrong Color: Too light	Too much CPC.	Typically, correcting this issue requires reapplying the base coat and spraying the CPC with lighter mist coats.	MC100 can be applied directly over the CPC. This does not require re-priming.
Suede or cloudy appearance	A mist coat of the CPC was applied with the gun too far from the wall.	If the contractor is not able to fix the problem by another light pass of the CPC it will be necessary for the contractor to start over using the correct spray technique.	Suede is most common in darker colors because there is more contrast between the effect coat and the color coat.
Striping	CPC was sprayed using a wet-edge, building too heavy of a coat.	Hopefully, this was caught before the Ultra Clear. Re-apply the MC100, one or two mist coats of CPC and finally the UC Satin/Flat/Gloss	The CPC must be sprayed as a light, mist coat. Do not spray a full, wet coat.
Dry Spray	This is not very common but when it does happen it usually occurs in the effect coat. Usually, the contractor is applying CPC with too much air pressure.	Wait until the CPC dries and lightly sand the finish smooth. This will buff out the texture. Depending on the severity of the dry spray, it may be required to start over with the color coat. If the dry spray is only slight, buff smooth and reapply a light coat of the CPC to mask any burnishing from sanding.	

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