

**Basic Coatings HyperTone™ Stains  
Technical Bulletin  
Blending & Tinting Finish Guidelines**

(Updated: September 24, 2020; supersedes any previous Technical Bulletins.)

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HyperTone™ Wood Floor Stain is a revolutionary penetrating water/oil hybrid stain designed to safely change the color of wood flooring to complement any design style prior to the application of an approved Basic Coatings® Sealer and Finish System.

**USING HyperTone Stain as a STAIN**

When using as a stain, please refer to HyperTone Stain Technical Data Sheet for complete product information.

**USING HyperTone Stain as a TINT in Basic Coatings Finish(es)**

When using HyperTone Stains as a tint, use only in specifically approved Basic Coatings waterbased finishes. Currently, approved Basic Coatings waterbased finishes include: StreetShoe® NXT, PureMatte™, EasyStreet™, EmulsionPro™, GymShoe®, and Player's Choice™ One. Wood flooring needs to have at least one coat of an approved Basic Coatings waterbased sealer applied/dried prior to applying tinted finish. Currently, approved Basic Coatings waterbased sealers include: Hydroline® Sealer, Lock-N-Seal, Raw™ Sealer, and Commercial Catalyzed Sealer.

**MIXING OF STAIN**

Whether using one color, or blending custom colors, shake individual container(s) thoroughly prior to combining. Once combined, thoroughly mix. If more than one gallon (or pint) is needed or a custom color formula is being used, mix enough stain to do the entire project to ensure uniform color. After shaking, pour from original containers into a single larger container. Stir stain from time to time to prevent settling and help ensure uniform color.

**TINTING OF FINISH**

When tinting finish, mix products separately according to label directions prior to combining. Then combine the products by pouring into container large enough to hold the materials, then continue to blend with a stir stick until products are mixed and uniform in color.

Set aside and allow the material to sit for approximately 5 minutes. Prior to using, it's important to stir the material again, and then from time to time to help prevent settling.

**MIXING RATIO**

**Do not exceed 10% ratio of stain to finish.** For example, do not add more than 12.8 fl.oz. of stain per 128 fl.oz (gallon) of sealer/finish.

**APPLICATION OF TINTED FINISH**

Read and understand technical data sheet and associated safety data sheet completely before beginning installations. Always use appropriate personal protective equipment. Prior to beginning a project, apply in an inconspicuous area to test and become familiar with your complete application method and to ensure product satisfaction.

Follow industry standards and flooring manufacturer's recommendation for acclimation, design, layout, and application of wood flooring materials.

Restrict air flow during application to help prevent premature drying.

Applying the tinted finish is best accomplished in multiple coats. A high-quality T-Bar with a professional grade foam sleeve or paint pad (ie: DuraTool®, or equivalent) is the recommended application method.

**It is extremely important to abrade the sealer coat prior to applying tinted finish. Abrade the sealer so that the sealer coat is not shiny; it needs to be dull to achieve proper bond.**

Use care to apply the tinted finish in a uniform thickness. The initial coat of tinted finish can appear streaky. As you apply subsequent coat(s), the tinted finish should appear more uniform in color. Proper ratios are highly dependent upon desired color, pigment load, number of coats, species of wood, floor preparation, and many other jobsite conditions. As such, a test area to determine proper ratios, application methods, and the number of coats for each job is REQUIRED.

Please refer to the Technical Data Sheet of the Basic Coatings finish being used for complete product and application information. In addition to (a) recommending a professional grade T-Bar / Pad, and (b) allowing additional dry time as the finish is pigmented, all the other application procedures of the finish should be followed.

#### EXAMPLES OF RATIOS:

1 Pint is equivalent to 16 fl.oz.; and 1 Gallon is equivalent to 128 fl.oz.

1% or ~ 1.2 fl.oz. per Gallon

2% or ~ 2.56 fl.oz. per Gallon

3% or ~ 3.84 fl.oz. per Gallon

4% or ~ 5.12 fl.oz. per Gallon

*For those looking to achieve the look of Basic Coatings former Amberizer®, try 1 fl.oz. of HyperTone Hickory mixed into 1-Gallon of an approved waterbased finish.*

#### APPLICATION OF TINTED FINISH for Game Lines and Logos

Applying HyperTone Stain tinted finish in lieu of using paint for game lines and logos is best accomplished using professional grade foam sleeve or paint pad (ie: DuraTool®, or equivalent). Usually 2 to 3 coats would be adequate to obtain the desired color. Apply in a similar manner as you would if using paint. This would include abrading between coats, applying within 24 hours of application of previous sealer/finish coat; and allowing adequate dry time before applying another coat on top.

Please refer to the Technical Data Sheet of the Basic Coatings finish being used for complete product and application information. In addition to (a) recommending the professional grade T-Bar / Pad, and (b) allowing additional dry time as the finish is pigmented, all the other application procedures of the finish should be followed.

#### RATIOS:

HyperTone Stain to Finish ratios will be higher, when using in lieu of a sport paint.

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**Please contact your local Basic Coatings Regional Manager for any questions.**

#### CLEAN UP

Refer to HyperTone Stain and appropriate finish Technical Data Sheets and Safety Data Sheets for proper clean-up and disposal.

#### IMPORTANT TIPS:

Application of tinted finishes can be extremely challenging. Therefore, prior to ever attempting to do this on a real jobsite, it's **STRONGLY** recommended that you try doing this on a small test panel, or small test floor, to become familiar with your complete application method and to ensure product satisfaction and to help prevent actual jobsite issues.

Always use new applicators.

Ratio of stain to finish is highly dependent on the desired color and look.

Turns and feathering-out will show if not done properly. Reduce making turns when possible by going with the grain and pulling-off onto masking material.

Increasing stain to finish ratio can exponentially darken the color and increase the visibility of streaks.

Do not apply more than 2 water-based products in a single day.

For sport and/or high traffic / commercial projects, application of at least one final top coat of clear/un-tinted finish is required.