



S M I T H M A D E

MEDALLION INSTALLATION INSTRUCTIONS

Jobsite Preparation

Limit foot traffic on finished wood flooring. Wood flooring should be one of the last jobs completed on the construction project.

Surface drainage should direct water away from the building.

Do not deliver wood flooring to the jobsite or install wood flooring until the building is enclosed.

Do not deliver wood flooring to the jobsite or install wood flooring until appropriate temperature and humidity conditions have been achieved.

Appropriate temperature and humidity conditions are defined as those conditions likely to be experienced in the building after occupancy.

Where building codes allow, permanent HVAC systems should be operating at least five days preceding installation to promote proper acclimation.

Do not deliver wood flooring to the jobsite or install wood flooring until all concrete, masonry, plastering, drywall, texturing and painting primer coats are completed.

In warm months, the building should be well ventilated each day.

Basements and crawl spaces must be dry.

Subfloors (wood or concrete) should be checked by an appropriate method for establishing moisture content.

Where the minimum jobsite conditions are present, the flooring can be delivered and stored in the rooms in which it will be installed. It is recommended that flooring, decorative borders and medallions removed from their packing materials and allowed to acclimate for at least one week prior to installation.

Do not store wood flooring at the jobsite under uncontrolled climate conditions. Garages and exterior patios, for example, are not acceptable areas to store wood flooring.

Upon delivery, check wood flooring moisture content with a moisture meter to establish a baseline for required acclimation.

Prior to installation, ensure that wood flooring is within acceptable range of moisture content with the wood subfloor. There should be no more than 4 percent moisture content difference between properly acclimated wood flooring and subflooring materials.

Installing Inlays and Medallions during a New Floor Installation

Step 1

In consultation with the customer, determine the most aesthetically pleasing location for the inlay or medallion.

Step 2

Mark an outline showing the location, size and shape of the inlay or medallion on the subfloor before beginning installation of the field.

Step 3

Install the field flooring, overlapping the field by at least 1" inside the outline of the inlay or medallion. Do not nail inside the outline and keep nails at least 1" outside the outline.

Step 4

A template has been provided for all SmithMade inlays and medallions. Fasten the template to the field flooring. Fasten the template to the field flooring. The template can be fastened with two-sided tape, or by nailing into the field flooring. Ensure that the field flooring extends in all locations inside the template.

Step 5

Cut away the field flooring along the outline of the medallion. Do this in at least 3 passes at increasing depths to avoid overheating and damaging the router bit. For denser woods species, you may have to make 4 or more passes. Using a plunge router equipped with a straight-cut, double-fluted router bit, set the plunge depth to 1/8" to 1/4" and make the first cut along the outline of the medallion. If you are using a

template, ensure that the router bearing rides against the template. Cut clockwise around the template. After the first cut is completed, drop the plunger depth another 1/8" to ¼" and make a second cut. Continue the process until you have routed to the depth of the field flooring.

Step 6

Use a sharp chisel to clean up areas, such as corners, not removed by the router bit.

Step 7

Vacuum the subfloor to remove all wood dust and debris

Step 8

Dry fit the inlay or medallion to ensure proper fit. Make sure the medallion is flush with the field floor surface. Tape attached to the bottom of the medallion can be used as "handles" to lift the medallion out of the hole after the dry fit.

Step 9

Apply the recommended adhesives to the subfloor, using the adhesive manufacturer's recommended spread rate.

Step 10

Install the inlay or medallion, weighting it to ensure a secure fit, and let the inlay or medallion set up in the adhesive for the length of time recommended by the adhesive manufacturer.

Step 11

Fill the areas around the inlay or medallion with an appropriate wood filler.

Step 12

Sand and finish the medallion along with the field floor. A hard plate with pad may be helpful to avoid dishing out the grain on softer species.

Installing Inlays and Medallions into an Existing Floor

The process is similar to that used during a new floor installation. However, care must be taken to avoid damage to the surface of the existing floor.

Step 1

In consultation with the customer, determine the most aesthetically pleasing location for the inlay or medallion.

Step 2

Mark an outline showing the location, size and shape of the inlay or medallion on the existing floor.

Step 3

A template has been provided for all SmithMade inlays and medallions. Fasten the template to the field flooring. The template can be fastened with two-sided tape, or by nailing into the field flooring.

Step 4

Cut away the existing flooring along the outline the medallion. Do this in at least three passes at increasing depths to avoid overheating and damaging the router bit. For denser woods species, you may have to make 4 or more passes. Using a plunge router equipped with a straight-cut, double-fluted router bit, set the plunge depth to 1/8" to ¼" and make the first cut along the outline of the medallion. If you are using a template, ensure that the router bearing rides against the template. Cut clockwise around the template. After the first cut is completed, drop the plunger depth another 1/8" to ¼" and make a second cut. Continue this process until you have routed to the depth of the field flooring.

Step 5

Use a chisel to clean to clean up areas, such as corners, not removed by the router bit.

Step 6

Vacuum the subfloor to remove all wood dust and debris.

Step 7

Dry fit the inlay or medallion ensure proper fit. Make sure the medallion is flush with the field floor surface. Tape attached to the bottom of the medallion can be used as "handles" to lift the medallion out of the hole after the dry fit.

Step 8

Apply the recommended adhesive to the subfloor, using the adhesive manufacturer's recommended spread rate.

Step 9

Install the inlay or medallion, weighting it to ensure a secure fit, and let the inlay or medallion set up in the adhesive for the length of time recommended by the adhesive manufacturer.

Step 10

Fill the areas around the inlay or medallion with an appropriate wood filler.

Step 11

Sand and finish the medallion along with the field floor. A hard plate with pad may be helpful to avoid dishing out the grain on softer species.