

Applying Polywhey Waterborne Polyurethane

Applicator: low nap (max. 10mm) microfiber painters roller – new (washed with water and small amount of hand soap, rinsed well and allowed to dry before use).

Professionals are required to contact the Forna Representative prior to substituting roller for any other application

Application Conditions: *All times are dependent on perfect conditions. Any variation from these building norms will have a direct impact on length time lines and final appearance of the finish.*

“Room temperature” (18 – 23 deg Celsius) and with stable humidity of 35% - 65%. All HVAC systems should be inspected and up and running before during and after installation of flooring products, as per NWFAC guidelines. Always ensure that the product you are working with has been stored at appropriate temperatures and has acclimated to the area (2-3 days) before application.

Floor Preparation: Lightly abrade the surface of the cork floor by hand (220 grit or higher). Mechanical sanders are not recommended. Flooring must be swept/vacuumed (beater bar turned “Off”) afterwards. Any remaining dust can be damp mopped away using water **ONLY**. The floor must then be allowed to dry completely (several hours/overnight is required).

Glue down cork tiles must be allowed to “set” or cure x 24 hours before it is abraded and before the application of Polywhey.

A floating floor cork floor should be allowed to settle (ideally for 1-3 days) prior to application. If there are any installation errors, they will become apparent inside this “settling” time frame.

*****If your floating floor looks like it is buckling or “lipping”** around the edges of any of the planks **DO NOT apply polyurethane**. If you see “gaps” that appear inside of 2-3 days DO NOT APPLY POLYURETHANE! The polyurethane will not “bridge the gap”. The floor needs to be “tightened up” mechanically = reinstalled in some instances. Contact your Forna Flooring representative if you see any of these problems!

Mixing the Product: Manually stir the Polywhey for 60 seconds. Polywhey is made using milk “whey”. This protein binder has a tendency to settle at the bottom of the can. This must be mixed in evenly before use.

Preferred Application method: Pour a small amount of the Polywhey directly onto the floor (Direct Pour application) in a thin line of 4-5 feet in length.

Optional application: Painter’s Tray. A new painter’s tray is required. Do not reuse old trays or equipment. Wash with water and allow to dry before using.

Use a soft bristled 2"-4" painters brush, cut in the edges of the floor (roughly 4ft on the start edge and 5-6 ft on the edge facing you). Wet the roller in the line of product and begin application.

Roll in one direction (away from the body) moving from left to right. **QUICKLY** move back to the start wall and begin second line. Edge in the next area and continue applying product.

DO NOT "go back over" spots that have older than 15 minutes! If you go over a partially dried area, you will create "Lap marks" that will require sanding before the finishing coat can be applied. Allow the finish to dry before applying the next coat.

Time Between Coats: 6-8 hours

Cure Time: 5-7 days (2 coats)

Maximum Coats (Cork Flooring): 2

Coats per day: 2

1st Mopping: 14 days after final application of the finish.

Water based Polyurethanes have cure (the time it takes to reach full hardness) rates of 5-7 days. During the curing time, only light traffic in stocking feet can access the floor. **NO RUGS, NO FURNITURE, NO PETS** are allowed onto the floor until the floor has achieved a full cure. Even if the floor looks cured, it may not be. Always err on the side of caution and allow extra time before animals are allowed on the finished floor.

If you have any questions, please contact your Forna Flooring expert before continuing with your project.

WARNING:

Water based Polyurethanes have very short "working edges" of 10 – 15 minutes! If you find you are running into "lap marks" then STOP APPLICATION. You are either working too slow OR YOU ARE WORKING THE POLYURETHANE TO THIN! Contact your Forna Flooring representative while you are waiting for the floor to dry!

Wait for floor to dry (time between coats). Lightly abrade the lap marks (220 grit sandpaper) and begin application from where you left off. Once the floor has been coated once, allow floor to dry. Apply final coat of polyurethane.