



## Wood Finishing Products

# CrystalFin<sup>®</sup> Floor Finish

Product: 1250 Gloss w/ Crosslinker  
1251 Satin w/ Crosslinker  
1252 Crosslinker Refill

11/01/03

### SPECIFICATION SHEET

**DESCRIPTION:** Daly's **CrystalFin Floor Finish** is a two-component waterborne urethane/acrylic polymer finish. It is non-yellowing, non-flammable and virtually odor-free. When properly applied, the finish will resist chipping, dulling and most household chemicals. Daly's **CrystalFin Floor Finish** is available in Gloss or Satin.

**RECOMMENDED USES:** Daly's **CrystalFin Floor Finish** is designed for application to hardwood floors or any other interior wood surface which must withstand heavy use.

**APPLICATION:** To mix finish, dilute 1 part Daly's **CROSSLINKER** to 1 part clean water. Replace cap and shake well. Add diluted **CROSSLINKER** to finish container. Stir well, then allow to stand for 10-15 minutes before applying.

**NOTE:** **CROSSLINKER** bottle contains enough material to make one gallon of finish. Once the **CROSSLINKER** has been added, the mixed product must be applied within 48 hours. If more time has passed, more **CROSSLINKER** must be added. For best results, only one extra addition of **CROSSLINKER** is recommended. If mixing finish in other than the original container, do not use a steel container. Water-based products can rust steel containers if left sitting in them.

Daly's **CrystalFin Floor Finish** can be applied using a high-quality synthetic bristle brush or lamb's wool applicator. If using a brush, pour finish into a bucket and dip brush. If using a lamb's wool applicator, pour into a plastic tray, or directly onto the floor in a 4-6 inch puddle. Start along a wall, and going with the grain of the wood, pull to the center of the floor. Keep enough material on the brush or in front of the applicator to maintain a wet edge at all times. To prevent lapping or brush marks, apply finish at recommended coverage level. For best results, ensure that finish, substrate and ambient temperatures stay between 50° and 85°F.

Three coats are recommended for best results. Allow first coat to dry 8 hours minimum, before applying second coat. Allow at least 2 hours dry time between application of second and third coats. Sand lightly with 150 sandpaper or screen between coats and remove dust with a vacuum or damp rag. Apply second and third coats using the same method as with the first coat.

**COLORS & TINTING:** **CrystalFin Floor Finish** is clear and should not be tinted. Should a color be desired, apply a coat of Daly's **WOOD STAIN**, following staining instructions, prior to application of **CrystalFin Floor Finish**.

**THINNING:** Product is packaged ready-to-use; After **CROSSLINKER** has been added, thinning is not recommended.

**CLEAN UP:** Clean up tools and equipment immediately after use with clean water. If material has dried, use rubbing alcohol. Completely cured material must be removed with a non-methylene chloride paint stripper.

**SURFACE PREPARATION:** All stain and finish must be removed from previously finished floors. Best results require starting with bare wood. If using drum or rotary disk sanders, follow manufacturer's instructions for preparing specific substrates.

<b>SURFACE PREPARATION (cont'd):</b>	The last material used should be 100-150 grit sandpaper or screen. DO NOT USE STEEL WOOL, as loose strands which remain behind can cause rust spots. Remove all loosed dust and grit with a vacuum or damp rag, paying special attention to corners.
<b>COVERAGE:</b>	400-500 sq.ft. per gallon, per coat for most surfaces depending on surface porosity.
<b>% SOLIDS:</b>	27-28% by weight
<b>VISCOSITY:</b>	24-27 seconds, #2 Zahn Cup
<b>60° GLOSS:</b>	Gloss - 80 Satin -20
<b>WEIGHT PER GAL:</b>	8.6 lbs
<b>VEHICLE TYPE:</b>	Polyurethane/Acrylic
<b>FLASH:</b>	N/A Product is water-based.
<b>V.O.C.:</b>	<b>CrystalFin Floor Finish:</b> Maximum 350 gr/L <b>CrystalFin Floor Finish + Crosslinker Mixture:</b> Maximum 350 gr/L
<b>PACKAGED IN:</b>	Gallon containers only. Each kit contains 120 oz. of Daly's <b>CrystalFin Floor Finish</b> , plus one 8 oz. bottle containing 4 oz. of <b>Crosslinker</b> , to be diluted with 4 oz. of water before addition to <b>CrystalFin Floor Finish</b> container.
<b>NOTES:</b>	<b>BLEACHING:</b> If floor has been bleached first with Daly's OXALIC ACID, it must be neutralized with Daly's OXALIC ACID NEUTRALIZER. If using Daly's 2-part WOOD BLEACHING SOLUTIONS "A" & "B", follow directions on containers. <b>FILLING:</b> If filling of open-grained wood is desired, use a recommended water-based wood filler. Depending on the amount of floorboard movement, filling the gaps between the boards may cause the finish to crack or delaminate. <b>TOPCOATING OIL-BASED STAINS:</b> When applied over an oil-based stain, allow an extra 24 hours dry time before applying <b>Daly's CrystalFin Floor Finish</b> . Test an area first, to determine compatibility.
<b>MAINTENANCE:</b>	Floor may be damp-mopped or use mild-detergent floor cleaner. For renewing dull or worn areas, first lightly sand the worn areas with 150 grit sandpaper, then follow application instructions for the <b>THIRD COAT</b> .
<b>CAUTIONS:</b>	<b>DO NOT FREEZE.</b> However, if product is frozen, allow to thaw at room temperature; do not force-thaw. After thawing, brush out a test patch, allow to dry, and test for film integrity prior to use. <b>USE ONLY WITH ADEQUATE VENTILATION.</b> Do not take internally. Close container after each use. <b>KEEP OUT OF REACH OF CHILDREN</b> <b>RESPIRATOR:</b> A NIOSH APPROVED RESPIRATOR <b>MUST BE WORN</b> IF PRODUCT IS TO BE SPRAY APPLIED. Avoid Contact with <b>Crosslinker</b> . Very irritating to eyes and skin. For safety wear eye protection, impervious gloves and protective clothing.
<b>REGULATORY:</b>	Request Material Safety Data Sheet for pertinent information on EPA SARA Title III Section 313 Supplier Notification & California Proposition 65.

## Daly's Wood Finishing Products

3525 Stone Way N, Seattle, WA 98103

phone(206) 633-4200

toll free(800) 735-7019

fax(206)632-2565