

Typical Uses - Ultra Surface Resurfacer can be applied in thin applications from 0-1/8" thick. Apply using a hand trowel, a rubber or metal edge squeegee (available from Concrete Solutions), a concrete finishing broom or a hopper gun sprayer to achieve a smooth or textured finish over existing concrete and other surfaces. It is also used as a bond coat prior to applying an Ultra Surface 1/4" Stamping application. Typical job applications include driveways, sidewalks, patios, pool decks, garage floors, parking garages, warehouse floors, bridges and highways. (For more detailed instructions call Concrete Solutions at (800) 232-8311.)

Surface Preparation - The surface must be clean and sound, free from dirt, oil, grease and any other contaminants that may interfere with bonding. Shot blasting is recommended. Other methods include scrubbing with detergent, acid washing, neutralizing and pressure washing to clean and rinse. Call Concrete Solutions for more detailed information on surface preparation at (800) 232-8311.

Crack Repair - Repair structural moving cracks with the Ultra Surface Crack Repair System prior to applying the Resurfacer. (See Crack Repair Instruction Booklet available from Concrete Solutions.)

Mixing and Application Instructions

Trowel Finish - In a five gallon pail mix [1] gallon of Ultra Surface Concrete Polymer, [1] gallon of water and [1] 50 lb. bag of Resurfacer. Add up to [1] quart more of polymer and water at a [1] part polymer to [1] part water ratio if needed to make the mix thinner. For a thicker mix add up to [1] gallon of #30, 60 or 90 silica sand to [1] bag of resurfacer to achieve the consistency desired. Mix for 3-5 minutes using a 1/2" drill motor and mixing paddle. To apply, lightly spray the surface with water using a garden hose and trigger gun spray nozzle, no puddles. Trowel the Resurfacer over the dampened surface from 0-1/8" thick to achieve the finish desired. For the best results apply as thinly as possible. If desired, Ultra Surface Integral Colors can be added to the Resurfacer to achieve up to 25 standard colors or custom colors. When using colors it will be necessary to apply a sealer before the dry Resurfacer gets water on it to avoid bleaching of the color, and to provide stain resistance.

Squeegee Finish - In a five gallon pail mix [1] gallon of Ultra Surface Concrete Polymer, [1] gallon of water and [1] 50 lb. bag of Resurfacer. Add up to [1] quart more of polymer and water at a [1] part polymer to [1] part water ratio if needed to make the mix thinner. For a thicker mix add up to [1] gallon of #30, 60 or 90 silica sand to [1] bag of Resurfacer to achieve the consistency desired. Mix for 3-5 minutes using a 1/2" drill motor and mixing paddle. To apply, lightly spray the surface with water using a garden hose and trigger gun spray nozzle, no puddles. Squeegee the Resurfacer over the dampened surface from 0-1/8" thick to achieve a smooth finish with out ridges or squeegee marks. For the best results apply as thinly as possible and do multiple coats if needed. If squeegee marks and/or ridges appear after the first coat dries, a floor polisher machine with a sand paper attachment and #36-80 grit sandpaper can be used to smooth them out. After sanding, apply a second coat of Resurfacer with the squeegee to achieve a smoother finish. After the final coat has been applied, a texture coat of Resurfacer such as the Fine Broom Finish or Spray / Trowel Knockdown Finish can be applied when dry to touch. For 1/4" Stamping applications go over the squeegee coat of Resurfacer immediately while it is still very wet with the 1/4" Stamping Mix. For stain resistance and uniformity it is recommended to apply a colorcoat, stain, and/or sealer over the smooth squeegee or texture coat finish after at least 6 hours of curing time. Contact Concrete Solutions at (800) 232-8311 for recommendations on which colorcoats, stains and sealers to use according to the application.

Fine Broom Finish - The Fine Broom Finish application works the best when applied over dry squeegee coat of Resurfacer. In a five gallon pail mix [1] gallon of Ultra Surface Concrete Polymer, [1] gallon of water and [1] 50 lb. bag of Resurfacer. Add up to [1] quart more of polymer and water at a [1] part polymer to [1] part water ratio if needed to make the mix thinner. For a thicker mix (or heavier broom finish) add up to [1] gallon of #30, 60 or 90 silica sand to [1] bag of Resurfacer to achieve the consistency or texture desired. Mix for 3-5 minutes using a 1/2" drill motor and mixing paddle. To apply, lightly spray the surface with water using a garden hose and trigger gun spray nozzle, no puddles. Squeegee the Resurfacer over the dampened surface, one row at a time and immediately follow behind the squeegee with a concrete finishing broom to leave the broom finish texture desired. For the best results apply during the coolest part of the day, work quickly, keep the surface wet ahead of the mix and always stop and start at a joint to avoid seam lines. When the broom finish dries, it is recommended to apply Ultra Surface Colorcoat 100 [diluted w/ 1-2 parts water] and Sealcoat 1000 over the broom finish for stain resistance and color uniformity. When using Colorcoat 100 it is best to pigment the Resurfacer with Ultra Surface Integral Color Powder the same color as the Colorcoat 100 that will be used. See the Ultra Surface Fine Broom Finish Instruction Booklet with step by step pictures for more detailed instructions.

Spray Finish / Trowel Knockdown Texture - In a five gallon pail mix [2 ½] quarts of Ultra Surface Concrete Polymer, [5 ½] quarts of water and [1] 50 lb. bag of Resurfacer. Add up to [1] quart more of polymer and water at a [1] part polymer to [2] part water ratio if needed to make the mix thinner. For a thicker mix add up to [1] gallon of # 60 silica sand to [1] bag of Resurfacer to achieve the consistency desired. Mix for 3-5 minutes using a 1/2" drill motor and mixing paddle. To apply, spray the Resurfacer out of a hopper gun sprayer over a dry squeegee coat of the Resurfacer. Use the second or third largest hole near the tip of the sprayer and run the air compressor at approximately 3-15 psi. Try spraying the mix on some cardboard or a section of the surface to be coated to check the spray pattern. If necessary adjust the tip size, the consistency of the mix [by adding more polymer and water or sand], and the air pressure until you achieve the spray pattern desired. For a Trowel Knockdown Texture wait 5-15 minutes after spraying [depending on the temperature], then while wearing spiked shoes, carefully trowel over the spray texture to knock it down flat to achieve the look desired. Allow to dry for at least 4 hours or until dry, then apply Ultra Surface Colorcoat 100 for color uniformity and stain resistance. When using Colorcoat 100 it is best to pigment the Resurfacer with Ultra Surface Integral Color Powder the same color as the Colorcoat 100 that will be used. For extra stain resistance or on driveways, apply a topcoat seal of Ultra Surface Sealcoat 1000 clear. See the Ultra Surface Trowel Knockdown instruction booklet for more detailed instructions with step by step pictures.