

SparkleTuff™ Clear Anti-Slip Floor Coating

MIXING AND APPLICATION INSTRUCTIONS

SparkleTuff™ Anti-Slip Floor Coating is a two-component coating that is supplied in separate containers labeled Part A, which is the resin containing the anti-slip aggregate; and Part B, which is the curing agent, also commonly referred to as the 'hardener'.

For ease of mixing without spills, use a disposable container large enough to hold both parts. If mixing a gallon, you can get a 2-gallon plastic bucket from most hardware stores for a little more than one dollar. If mixing the entire batch, the proportions will be correct as supplied. For mixing a partial batch, the Part A & B components of SparkleTuff™ Anti-Slip (AS) are mixed in a fixed proportion of 3 parts Part A and one part Part B. Any convenient method of measuring can be used, provided the same size measuring vessel is used to measure both components. Under no circumstance should Part B measure less than the recommended amount, or the chemical reaction will be incomplete and full cure will not be achieved.

When Part A container is first opened, the material will appear to be in a jello-like state. A couple minutes of vigorous mixing with a flat object, such as a paint stick, will re-liquify the Part A and suspend any grit stuck on the bottom of the container into the liquid. Adding Part B to it will cause further reduction in the viscosity of the mix. The combined mix will have a useable life (referred to as 'pot-life') of about 75 minutes after which it will become difficult to apply and will not provide an even and uniform coating layer. Do not continue to apply the product after the 75 minutes. The pot-life dictates the amount of material that should be mixed for proper and safe application.


SparkleTuff™ AS may now be applied by rolling with the supplied paint roller cover (or brushing for small areas that cannot be reached by a roller). For large areas, it is best to pour the mix into a conventional paint tray with a disposable liner and apply with a roller. Optimal application properties are achieved *only* by using the special 9-inch wool blend roller cover. This has been determined after trials with most commonly available cotton and synthetic material roller covers. A sample roller cover is supplied with the each purchase. Additional roller covers may be purchased from www.SafetyDirectAmerica.com. Accept no substitutes.

Prior to application make sure that the target area is free of oil, grease, soap scum (in the case of bathtubs and showers) and other debris. The cleaned surface should thoroughly dry before application is commenced. Apply the coating by rolling or brushing and ensure that sufficient coating material is being laid down. SparkleTuff™ AS requires 6 to 8 hours of curing time before it can be put to light use and at least 12 hours before heavy use. More time may be necessary for very heavy traffic, or applications in areas with low temperatures or high humidity. An ideal temperature would be 70 degrees. It is best to allow overnight curing if possible. Prevent exposure to water (rain, dew, condensed steam, etc.) for at least 24 hours at normal room temperature.

When the roller containing SparkleTuff™ AS is first rolled onto the target surface, the roller will usually lay down a concentration of grit in the immediate area of application. This may continue to happen each time the roller is dipped in the paint tray for additional coating. Make sure to roll out the excess aggregate until an even spread of the aggregate particles is achieved. Stirring the mix in the mixing vessel and the paint tray from time to time will also help even out the spread of the aggregate in the mix. Looking at the freshly painted coating with different angles of reflected light will help in seeing if there are non-uniform accumulations of grit. The final pass of the roller should be in straight, parallel strokes to achieve a smooth, uniform look. See the video at the bottom of this page <https://safetydirectamerica.com/diyabrasivefloorcoating/> for a demonstration of these application instructions.

Tools such as rollers, brushes, paint trays, etc. should be disposed of after use, as cleaning them is not practical. If there are mixing or other tools that do need to be reclaimed, first wipe them down thoroughly with disposable rags or paper. They should then be cleaned with an off-the-shelf solvent used for cleaning solvent-based paints, and finally washed with warm soap and water.

All normal precautions recommended when using commercial paint products should be followed. Use of gloves and other protective gear (such as safety glasses), while not mandatory, would be helpful in preventing accidents and with ease of clean up. While there are no fumes or odors associated with SparkleTuff™ AS it is very important to maintain good ventilation in the work area. Smoking or exposure to any source of flame should be strictly restricted.

 Anti-Slip Floor Superstore
www.SafetyDirectAmerica.com or (800)988-6721

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