

CeramSurf™ Abrasion Resistant Surfacing Material Installation Data

CeramSurf Kit Contents (Rated for up to 200°F Service)	
Description	Quantity
Component A: 18 lb. can base epoxy adhesive with ceramic beads	1
Component B: 9 lb. container hardener	1
Trowel	1
Mylar Film	10 inch x 10 feet
Instruction Sheet	1

NOTE: One kit will cover 8³/₄ sq. ft. with a 1/4 inch thick layer or 17¹/₂ sq. ft. with a 1/8 inch thick layer.

PRECAUTIONS



Avoid prolonged contact with skin. The use of plastic or rubber gloves is recommended. In case of contact, wash skin thoroughly with soap and water to remove CeramSurf components or mix.

Avoid breathing dust if cured compound is removed by grinding. A dust respirator should be used.

Avoid breathing fumes if a torch is used to remove compound on adjacent metal parts. An air line respirator should be used to avoid fume inhalation.

Mix and trowel in well-ventilated area.

Avoid contact with eyes. In case of exposure, flush immediately with large amounts of water and consult a doctor.

Do not wear clothing contaminated with uncured components of mix.

PREPARING THE SURFACE

Before using CeramSurf material, clean the surface to be covered. You must remove all dirt, grease, rust, and foreign matter. This is best accomplished by first grinding, sanding, or wire brushing the area.

Clean the surface with a degreasing solvent such as trichloroethylene. If trichloroethylene is not available, acetone or methyl ethyl ketone are acceptable. **WARNING:** Acetone and methyl ethyl ketone are extremely flammable. When using these cleaners, avoid smoking or using near an open flame. Failure to follow this warning can result in serious personal injury. Allow cleaner to evaporate before applying CeramSurf material.

MIXING THE COMPOUND

Mix CeramSurf Components A and B in a two-to-one ratio either by weight or volume.

NOTE: When removing CeramSurf base and hardener from cans, take care to prevent contaminating the contents. Use a clean instrument to transfer from the can to the mixing area. Contamination of one component with the other may cause hardening and loss of the entire can.

WORKING TIME

Working time is approximately 30 minutes at 70°F. Higher temperatures will shorten working time and amounts mixed should be reduced accordingly. When cold, compound is difficult to mix and trowel. Keep compound and mix warm (70°F or greater) for best results.

APPLYING THE MATERIAL

Use the trowel provided in each kit to apply CeramSurf material evenly to the clean surface. Work out all air pockets with the trowel. For best results and longest wear life, make the surface as smooth as possible. Cleaning the trowel and wetting it with water or cleaner will reduce drag and aid in obtaining a smooth surface. If contour permits, a piece of Mylar film may be applied and the surface then smoothed. Take care to work out air pockets trapped under the Mylar. Remove the film after the material has cured, if desired.

Heat may be used to accelerate cure. Heat lamps or a hot air gun is recommended. Do not heat above 200°F.

CeramSurf material will harden sufficiently for use in about 4 hours at 70°F.

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