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# EZ-Kut Grinding Agent

Rapid Surface Preparation Agent for Wet or Dry Concrete Grinding

## Product Description

Ameripolish® EZ-Kut Grinding Agent is a water based, pretreatment, rapid surface preparation agent used for the initial cut on hard, dense concrete and helps with exposing large aggregate faster than dry only or standard wet methods. EZ-Kut also helps by dramatically increasing the productivity of lower-grit diamond tooling. EZ-Kut Grinding Agent achieves this by suspending concrete solids away from the surface for diamond tools to achieve maximum efficiency. This then shortens the project time-line, reduces labor costs and extends the life of diamond tooling. EZ-Kut is also unique in that it can be used in wet and dry grinding methods.

## Features

- Speeds up the time spent on initial cut on hard, dense concrete
- Helps with exposing large aggregate faster than dry only or standard wet methods
- Maximizes efficiency, increases productivity and extends the life of diamond tooling
- Reduces labor costs
- Shortens the project time-line
- Unique DRY method avoiding the hassle of dealing with slurry

## Uses

Ameripolish® EZ-Kut Grinding Agent is ideal to be used on:

- Hard, dense concrete floors
- Exposing large aggregate
- Concrete floors
- Newly poured concrete floors
- Cementitious terrazzo floors

## Dilution & Coverage

Ameripolish® EZ-Kut Grinding Agent is shipped ready to use (RTU). Do not dilute or mix with any other chemicals.

EZ-Kut Grinding Agent coverage rates and drying times are dependent on concrete porosity, job site conditions, temperature and relative humidity. It is always recommended testing a small area before starting the project officially.

## Product Specification

<b>Application:</b>	Sprayer or push broom
<b>Appearance:</b>	Clear liquid
<b>VOC:</b>	Compliant (1g/l)
<b>Shelf life:</b>	2 years
<b>Solvent:</b>	Water based

## Packaging Specification

Product #	Shipping Wt.	Container
EZKUT-1	10 lbs.	1 gallon RTU
EZKUT-5	50 lbs.	5 gallons RTU
EZKUT-30	300 lbs.	30 gallons RTU
EZKUT-55	550 lbs.	55 gallons RTU
EZKUT-250	2,500 lbs.	250 gallons RTU



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### Dilution & Coverage (cont'd)

- Coverage rate is approximately 200-400 sqft per gallon.

### Preparation

Protect people, vehicles, property, plants and all adjacent or nearby surfaces not intended to come in contact with product. Use protective materials as necessary.

Ensure that all surfaces intended for application are clean and free of dirt, debris, oil. Use Ameripolish® Oil Remediation to help to remove and lighten oil spots.

### Application

There are two application methods for Ameripolish® EZ-Kut Grinding Agent during the initial grinding or honing stages. The first method uses water which creates slurry and requires either a wet vacuum or auto-scrubber and the second method is done dry allowing for the EZ-Kut to dry under the grinding machine and using a dust extractor to vacuum up the remaining concrete dust.

#### Application Method 1 (Wet Grinding / Slurry)

1. Wet the concrete surface with water and let stand for approximately 5 minutes or when the water has soaked into the concrete and no standing water is visible on the surface. Use a squeegee to push remaining water on the surface to other areas not in the immediate grinding area. Too much water with dilute EZ-Kut product and it will not be as affective.
2. Apply product directly in the grinding path at no more than 10 ft ahead of the operator. Apply product using a low pressure sprayer or by pouring directly onto the floor and spreading with a bristle broom.
3. Grind the floor starting with the lowest grit specified for application. Ensure there is a fine mist of water from the grinder or other source to create a thick foam of slurry. Do not let EZ-Kut treated areas dry before operator has had time to reach the area. If drying does occur, re-treat area with more product. Never allow floor to completely dry.
4. Clean the floor in between grit steps using clean water

and use a wet vacuum or for best results use an auto-scrubber with pad driver up and not touching the floor, using only water and the suction on and the squeegee to pick up remaining water.

5. Follow steps above for each metal bond or transitional diamond tool grinding/honing step. *Note: that we only recommend using EZ-Kut Grinding Agent for the initial and subsequent grinding or honing steps.*
6. After all grinding and honing steps are complete, follow step 4 to clean surface with clean water and allow to completely dry.
7. Apply Ameripolish® 3D HS or 3D HSL in accordance with the specification of the project.
8. Continue grinding and polishing process until at the desired level or polish.

#### Application Method 2 (Dry Grinding)

1. Apply EZ-Kut Grinding Agent using a low pressure spayer or by pouring directly onto the floor and spread with a bristle broom. Keep floor wet/damp without puddling or completely drying.
2. Begin the initial grinding / honing step starting with the lowest grit specified for application. Do not let EZ-Kut treated areas dry before operator has had time to reach the area. If drying does occur, re-wet using more product. Never allow to completely dry until operator has completed the area.
3. Work treated areas to the point of drying where only dust remains during each grinding or honing step. Once completed areas are dry and creating concrete dust, a dust extractor should be used to collect airborne concrete dust.
4. Follow steps above for each grinding / honing step. *Note: that we only recommend using EZ-Kut Grinding Agent for the initial and subsequent grinding and honing steps.*
5. After all grinding / honing steps are complete, clean surface from dusty and debris using a dust extractor or other vacuum capable of collecting concrete dust.
6. Apply Ameripolish® 3D HS or 3D HSL in accordance with the specification of the project.
7. Continue grinding and polishing process until at the desired level or polish.

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### Cleanup

Clean all equipment and tools with clean water when using Application Method 1 (Wet Grinding / Slurry). Follow all local, state and government regulations when disposing of slurry legally and properly.

Follow standard dry grinding maintenance on all used equipment when using Application Method 2 (Dry Grinding).

### Storage

- Store upright in safe dry place at 45-100°F (7 -38°C)
- Keep product from freezing
- Keep out of reach of children
- Seal container after use
- Do not mix with other chemicals

### VOC Compliance

EZ-Kut Grinding Agent offers VOC compliance with low VOC at 1g/L and is also compliant with national, state and district regulations.

### Safety Information

**Ingestion:** Wash out mouth with water. Remove dentures if any. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Stop if the exposed person feels sick as vomiting may be dangerous. Do not induce vomiting unless directed to do so by medical personnel. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Get medical attention. Never give anything by mouth to an unconscious person. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.

**Eye Contact:** Immediately flush eyes with plenty of water,

occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Continue to rinse for at least 10 minutes. Get medical attention.

**Skin Contact:** Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Continue to rinse for at least 10 minutes. Get medical attention. Wash clothing before reuse. Clean shoes thoroughly before reuse.

**Inhalation:** Remove victim to fresh air and keep at rest in a position comfortable for breathing. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Get medical attention. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.

### Warning

Before using or handling this material, read the Material Safety Data Sheet and Warranty. **KEEP OUT OF REACH OF CHILDREN. DO NOT TAKE INTERNALLY.**

### Warranty

The information contained herein is believed to be reliable. This information is based on laboratory testing and results. Because of variations in methods, conditions and equipment, each user must test this product to make a judgment of performance. Applicator is responsible for testing material for effectiveness and performance. Manufacturer obligation is limited to the refund of purchase price or replacement of material if proven to be defective. Claims must be made in writing and received within one year from date of product sale to original buyer. Sole remedy shall be replacement of product proven defective.