

**READ THESE EASY INSTRUCTIONS THOROUGHLY BEFORE STARTING**

**BASEMENT WATERPROOFING INSTRUCTIONS**

**PREPERATION AND APPLICATION INSTRUCTIONS**

**STEP 1** – Remove flaking, peeling or blistered paints or coatings by scraping, sanding or power washing. Sand or grind tile, glazed brick or steel surfaces.

**STEP 2**– Clean substrates with **ArmorGuard® Concrete Cleaner** to manufactures' specifications, then wash again and wait until fully dry (Only for Concrete surfaces).

**STEP 3** – Apply **Protoseal™** to entire area, and wait until dry, approx 24 hours.  
(Read **Protoseal™** instructions for more info)

**STEP 4** – If substrate has NO cracking or degraded areas move to step 5, if surface has degraded areas leaks, tie holes or cracks, clean out voids and fill cracks/voids or tie holes with **ArmorGuard® Trowel Mix**.

**STEP 5** – Apply 1 coat of **ArmorGuard Color Top Coat** per manufactures specifications, 3/8 inch lint free roller and heads are recommended. Cut in hard to reach areas with brush then roll walls and floor working your way out. Cast pumice, quartz or silca sand to floor coated areas while drying for a non slip finish.

**MIXING INSTRUCTIONS**

**Step 1**- Read labels thoroughly for mixing ratios, **ArmorGuard®** coatings have a 15 -20 min pot life (work time). **Make sure all tools and crew are ready before mixing product.**

**Step 2** – Mix Resin and Hardener separately for approximately 2 minutes, use separate mixing paddles for each one.

**Step 3** – Pour Hardener into Resin bucket, mix together for 2-3 minutes.

**Step 4**– After product is fully mixed pour into 2- 3 clean buckets, equally full. Never give more than 1 to 2 gallons of product for each person to roll out at a time.

**Step 5** – When brushing hard to reach areas a small amount is needed; measure the correct amount by weighing or pouring into measuring cups (For example 2 to 1 ratio means 2 gallons of resin to 1 gallon of hardener).

**Step 6** – Lightly Cast quartz, silica or pumice to steps and floor for a non slip finish.

**Step 7** – Clean equipment, hands, tools or spills with denatured alcohol.

**NOTES:**

- Do not keep rolling the same area, once the area is covered move to another section, this is a coating not a paint.
- Never Coat a wet surface
- ALWAYS READ LABELS AND INSTRUCTIONS FIRST.

**TOOLS NEEDED**

- 9" and 4" roller handles and heads (3/8" lint free)
- Brushes for cutting in, if needed
- 4 – 5 Gallon Buckets,
- 4 Quart Size Buckets for cut in areas, if needed
- Heavy Duty Drill (Corded)
- 2- Epoxy mixing paddles (one for resin, 1 for hardener, you can use resin paddle when mixing together)
- Denatured Alcohol – for clean up
- Towels – for clean up or spills
- Quartz, pumice or Silica Sand- used to make an area non –slip, Eco Smart Epoxy Systems is not liable for slip and falls.

**MIXING RATIOS**

Always read labels FIRST

Always check labels for matching hardeners with resins

**Protoseal™**– Premixed liquid, 1 gallon covers 150-200 sq.ft.

**ArmorGuard®** Cleaner – mix 1lb of powder to 1 gallon of water, coverage 500sq.ft. per mix.

**ArmorGuard®** Color Top Coat – 2:1 mix ratio (2 gallons of resin to 1 gallon of hardener)

**ArmorGuard®** Underwater Crack Repair and Trowel Mix – 2:1 mix ratio.

**If you have any questions or concerns, please contact us at 1-888-ECO-EPOXY, or visit us on the web at [www.ecosmartepoxysystems.com](http://www.ecosmartepoxysystems.com).**

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**POOL PREPERATION AND APPLICATION INSTRUCTIONS**

**Step 1** – Remove flaking, peeling or blistered paints or coatings by scraping, sanding or pressure washing, (latex or rubber based paints must be completely removed). Scarify tile or steel surfaces for a good bond.

**Step 2** – Clean pool with **ArmorGuard® Concrete Cleaner** to manufacturer's specifications. (Read **ArmorGuard® Cleaner** instructions for more info)

**Step 3** – For concrete, gunite, or plastered pools, apply **Protoseal™** to entire pool, and wait until dry, approx 24 hours (Read **Protoseal™** instructions for more info).

**Step 4** – If substrate has NO cracking move to **step 5**, if crack repair is necessary, clean out cracks and fill with **ArmorGuard® Trowel Mix** (Read **ArmorGuard® Trowel Mix** instructions for more info)

**Step 5** – Apply one coat of **ArmorGuard® Color Top Coat** per manufactures specification, (we recommend two coats for commercial pools). Apply Color Top Coating with a 3/8" Purdy lint free nap. Coat hard to reach areas first with a brush, then roll apply walls and floors working your way out of pool. Cast pumice, quartz or silca sand to floor coated areas while drying for a non slip finish.

**TOP COAT RECOMMENDATIONS**

Residential Pools – 1 or 2 Coats  
Commercial Pools – 2 Coats  
Hot tubs or Spas – 2 Coats  
Aquariums 2 – Coats  
Ponds – 1 or 2 Coats

**MIXING INSTRUCTIONS**

**Step 1**- Read labels thoroughly for mixing ratios, **ArmorGuard®** coatings have a 15 -20 min pot life (work time). **Make sure all tools and crew are ready before mixing product.**

**Step 2** – Mix Resin and Hardener separately for approximately 2 minutes, use separate mixing paddles for each one.

**Step 3** – Pour Hardener into Resin bucket, mix together for 2-3 minutes.

**Step 4**– After product is fully mixed pour into 2- 3 clean buckets, equally full. Never give more than 1 to 2 gallons of product for each person to roll out at a time.

**Step 5** – When brushing hard to reach areas a small amount is needed; measure the correct amount by weighing or pouring into measuring cups (For example 2 to 1 ratio means 2 gallons of resin to 1 gallon of hardener).

**Step 6**– Lightly Cast quartz, silica or pumice to steps and safety ledges for a non slip finish.

**Step 7** – Clean equipment, hands, tools or spills with denatured alcohol.

**NOTES:**

- **Do not** coat if there is a threat of rain on the day you are coating, we recommend you coat early morning before heat rises or late afternoon when temperature drops. If there is dew on the surface, clean surface with multiple towels to completely dry or wait until sun burns it off.
- **Do not** keep rolling the same area, once the area is covered move to another section.
- **NEVER** coat a wet surface.
- **ALWAYS READ LABELS AND INSTRUCTIONS FIRST.**

**TOOLS NEEDED**

- 9" and 4" roller handles and heads (3/8" lint free naps)
- Brushes for hard to reach areas
- 4 – 5 gallon buckets
- 4 Quart size buckets for mixing smaller amounts
- Heavy duty drill (corded)
- 2 – Epoxy mixing paddles (one for resin, one for hardener, you can use resin paddle when mixing product together.
- Denatured Alcohol – for clean up
- Towels – for clean up or spills
- Quartz, pumice, or silica sand – used to make non-slip surfaces.

**Eco Smart Epoxy Systems™ is not liable for slip and falls.**

**MIXING RATIOS**

Always read labels FIRST

Always check labels for matching hardeners with resins

**Protoseal™** – Premixed liquid, 1 gallon covers 150-200sq.ft.

**ArmorGuard® Cleaner** – mix 1lb of powder to 1 gallon of water, coverage 500sq.ft. per mix

**ArmorGuard® Color Top Coat** – 2:1 mix ratio (2 gallons of resin to 1 gallon of hardener)

**ArmorGuard® Underwater Crack Repair and Trowel Mix** – 2:1 mix ratio.

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## **READ THESE EASY INSTRUCTIONS THOROUGHLY BEFORE STARTING**

### **FOOD / WATER CONTAINMENT PREPERATION AND APPLICATION INSTRUCTIONS**

**Step 1** – Remove flaking, peeling or blistered paints or coatings by scraping, sanding or pressure washing, (latex or rubber based paints must be completely removed). Scarify tile or steel surfaces for a good bond.

**Step 4** – Clean area with **ArmorGuard® Concrete Cleaner** to manufacturer's specifications. (Read **Cleaner** instructions for more info).

**Step 3** – For concrete, gunite, or plastered surfaces ONLY, Apply **Protoseal™** to entire area, and wait until dry, approx 24 hours (Read **Protoseal™** instructions for more info).

**Step 2** – If substrate has NO cracking move to step 5, if crack repair is necessary, clean out cracks and fill with **ArmorGuard® Trowel Mix** (Read **ArmorGuard® Trowel Mix** instructions for more info).

**Step 5** – Apply Two coats of **ArmorGuard® Color Top Coat** per manufactures specification, Apply Color Top Coating with a 3/8" Purdy lint free nap. Coat hard to reach areas first with a brush, then roll apply walls and floors working your way out. Cast or \*mix pumice, quartz or silca sand to floor coated areas for a non slip finish.

\*Mix – Pumice, quartz or sand can be added directly to color resin at a rate of approx 8 %, fully mix product with hardener, then roll apply to floor areas for a non slip finish.

### **MIXING INSTRUCTIONS**

**Step 1**- Read labels thoroughly for mixing ratios, **ArmorGuard®** coatings have a 15 -20 min pot life (work time). **Make sure all tools and crew are ready before mixing product.**

**Step 2** – Mix Resin and Hardener separately for approximately 2 minutes, use separate mixing paddles for each one.

**Step 3** – Pour Hardener into Resin bucket, mix together for 2-3 minutes.

**Step 4**– After product is fully mixed pour into 2- 3 clean buckets, equally full. Never give more than 1 to 2 gallons of product for each person to roll out at a time.

**Step 5** – When brushing hard to reach areas a small amount is needed; measure the correct amount by weighing or pouring into measuring cups (For example 2 to 1 ratio means 2 gallons of resin to 1 gallon of hardener).

**Step 6** – Lightly cast or mix to resin: quartz, silica or pumice to steps and safety ledges for a non slip finish.

**Step 7** – Clean equipment, hands, tools or spills with denatured alcohol.

### NOTES:

- **ArmorGuard® N.S.F Approved Coatings** used for Food and Water Containment have an MEK base, Our N.S.F Coatings have a mild odor and are safer to use than other N.S.F coatings, however you MUST wear appropriate respirators and safety equipment when applying. Use standard safety procedures
- **Do not** coat if there is a threat of rain on the day you are coating, we recommend you coat early morning before heat rises or late afternoon when temperature drops. If there is dew on the surface, clean surface with multiple towels to completely dry or wait until sun burns it off.
- **Do not** keep rolling the same area, once the area is covered move to another section.
- **NEVER** coat a wet surface.
- We recommend testing surfaces for moisture and vapor transmission before coatings are applied
- **ALWAYS READ LABELS AND INSTRUCTIONS FIRST.**

### TOOLS NEEDED

- 9" and 4" roller handles and heads (3/8" lint free naps)
- Brushes for hard to reach areas
- 4 – 5 gallon buckets
- 4 Quart size buckets for mixing smaller amounts
- Heavy duty drill (corded)
- 2 – Epoxy mixing paddles (one for resin, one for hardener, you can use resin paddle when mixing product together.
- Denatured Alcohol – for clean up
- Towels – for clean up or spills
- Quartz, pumice, or silica sand – used to make non-slip surfaces.

**Eco Smart Epoxy Systems™ is not liable for slip and falls.**

### MIXING RATIOS

Always read labels FIRST

Always check labels for matching hardeners with resins

**Protoseal™**– Premixed liquid, 1 gallon covers 150-200 s.f

**ArmorGuard®** Cleaner – mix 1lb of powder to 1 gallon of water, coverage 500sq.ft. per mix

**ArmorGuard®** Color Top Coat – 2:1 mix ratio (2 gallons of resin to 1 gallon of hardener)

**ArmorGuard®** Underwater Crack Repair and Trowel Mix – 2:1 mix ratio.

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**READ THESE EASY INSTRUCTIONS THOROUGHLY BEFORE STARTING**

**FLOOR COATING INSTRUCTIONS**

**PREPARATION AND APPLICATION INSTRUCTIONS**

**STEP 1** – Remove flaking, peeling or blistered paints or coatings by scraping, sanding or power washing. Sand or grind tile, glazed brick or steel surfaces.

**STEP 2**– Clean substrates with **ArmorGuard® Concrete Cleaner** to manufactures specifications, then wash again and wait until fully dry. (Only for Concrete surfaces)

**STEP 3** – If substrate has NO cracking or degraded areas move to step 4, if surface has degraded areas leaks, tie holes or cracks, clean out voids and fill cracks/voids or tie holes with **ArmorGuard® Trowel Mix**.

**STEP 4**– Apply 1 coat of **ArmorGuard® Color Top Coat** per manufactures specifications, 3/8 inch lint free roller and heads are recommended. Cut in hard to reach areas with brush then floor working your way out. Cast or mix pumice, quartz or silca sand to floor coated areas for a non slip finish.

**MIXING INSTRUCTIONS**

**Step 1**- Read labels thoroughly for mixing ratios, **ArmorGuard®** Coatings have a 15 -20 min pot life (work time). **Make sure all tools and crew are ready before mixing product.**

**Step 2** – Mix Resin and Hardener separately for approximately 2 minutes, use separate mixing paddles for each one.

**Step 3** – Pour Hardener into Resin bucket, mix together for 2-3 minutes.

**Step 4**– After product is fully mixed pour into 2- 3 clean buckets, equally full. Never give more than 1 to 2 gallons of product for each person to roll out at a time.

**Step 5** – When brushing hard to reach areas a small amount is needed; measure the correct amount by weighing or pouring into measuring cups (For example 2 to 1 ratio means 2 gallons of resin to 1 gallon of hardener).

**Step 6**– Lightly cast or mix to resin; quartz, silica or pumice to steps and floor for a non slip finish.

**Step 7** – Clean equipment, hands, tools or spills with denatured alcohol.

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**SHOWER, TUB, AND SHOWER PAN PREPERATION AND APPLICATION INSTRUCTIONS**

**Step 1** – Remove flaking, peeling or blistered paints or coatings by scraping, sanding or pressure washing, (latex or rubber based paints must be completely removed). Scarify tile or steel surfaces for a good bond.

**Step 2** – Clean area with **ArmorGuard® Concrete Cleaner** to manufacturer's specifications. (Read **ArmorGuard® Concrete Cleaner** instructions for more info).

**Step 3** – For concrete, block or brick substrates ONLY, Apply **Protoseal™** to entire area, then wait until dry, (Read **Protoseal™** instructions for more info).

**Step 4** – If substrate has NO cracking move to step 5, if crack repair is necessary, clean out cracks and fill with **ArmorGuard® Trowel Mix** (Read **ArmorGuard® Trowel Mix** instructions for more info).

**Step 5** – Apply one or two coats of **ArmorGuard® Color Top Coat** per manufactures specification, (we recommend two coats for commercial showers, tubs or pans). Apply Color Top Coating with a 3/8" Purdy lint free nap. Coat hard to reach areas first with a brush, then roll apply walls and floors working your way out. Cast or \*mix pumice, quartz or silca sand to floor coated areas for a non slip finish.

\*mix – Pumice, quartz or sand can be added directly to color resin at a rate of approx 8 %, fully mix product with hardener, then roll apply to floor areas for a non slip finish.

**MIXING INSTRUCTIONS**

**Step 1-** Read labels thoroughly for mixing ratios, **ArmorGuard®** coatings have a 15 -20 min pot life (work time). **Make sure all tools and crew are ready before mixing product.**

**Step 2** – Mix Resin and Hardener separately for approximately 2 minutes, use separate mixing paddles for each one.

**Step 3** – Pour Hardener into Resin bucket, mix together for 2-3 minutes.

**Step 4**– After product is fully mixed pour into 2- 3 clean buckets, equally full. Never give more than 1 to 2 gallons of product for each person to roll out at a time.

**Step 5** – When brushing hard to reach areas a small amount is needed; measure the correct amount by weighing or pouring into measuring cups (For example 2 to 1 ratio means 2 gallons of resin to 1 gallon of hardener).

**Step 6** – Lightly cast or \*mix to resin: quartz, silica or pumice to steps and safety ledges for a non slip finish.

**Step 7** – Clean equipment, hands, tools or spills with denatured alcohol.

**NOTES:**

- **OUT-DOORS ONLY - Do not** coat if there is a threat of rain on the day you are coating, we recommend you coat early morning before heat rises or late afternoon when temperature drops. If there is dew on the surface, clean surface with multiple towels to completely dry or wait until sun burns it off.
- **Do not** keep rolling the same area, once the area is covered move to another section.
- **NEVER** coat a wet surface.
- We recommend testing surfaces for moisture and vapor transmission before coatings are applied.
- **ALWAYS READ LABELS AND INSTRUCTIONS FIRST.**

**TOOLS NEEDED**

- 9" and 4" roller handles and heads (3/8" lint free naps)
- Brushes for hard to reach areas
- 4 – 5 gallon buckets
- 4 Quart size buckets for mixing smaller amounts
- Heavy duty drill (corded)
- 2 – Epoxy mixing paddles (one for resin, one for hardener, you can use resin paddle when mixing product together.
- Denatured Alcohol – for clean up
- Towels – for clean up or spills
- Quartz, pumice, or silica sand – used to make non-slip surfaces.

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**MIXING RATIOS**

Always read labels FIRST

Always check labels for matching hardeners with resins

**Protoseal™** – Premixed liquid, 1 gallon covers 150-200 s.f

**ArmorGuard® Cleaner** – mix 1lb of powder to 1 gallon of water, coverage 500sq.ft. per mix

**ArmorGuard® Color Top Coat** – 2:1 mix ratio (2 gallons of resin to 1 gallon of hardener)

**ArmorGuard® Underwater Crack Repair and Trowel Mix** – 2:1 mix ratio.

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