



DO NOT ALLOW PRODUCT TO FREEZE | SHELF LIFE: 1 YEAR

Mixing & Installation Instructions

PRO TIPS FOR BEST RESULTS

- **Work with a consistent crew rhythm:** Have a clear workflow between mixing, transporting and troweling to keep installation moving smoothly. **Minimum of 3 crew members recommended.**
- **Pre-stage batch materials to avoid inconsistent batches.**
- **Keep trowels clean**
- **For inlays and color separation, use ResinScape Beading** to keep material contained and maintain clean lines.
- **Maintain consistent mixing times.**
- **Keep Resin and Aggregate cool in warm weather** – never store resin in direct sun prior to mixing
- **Plan batch placement:** Start installation from the farthest point and work toward the exit to avoid stepping on freshly installed **ResinScape**.
- **Project should be completed in one day. Pre-plan breaks in the project** using paving stones or other break material for large projects requiring more than one day.
- **Do not clean or pressure wash for two weeks** after installation.

BASE REQUIREMENTS

- **ResinScape** must be installed on a **sound, solid monolithic substrate** with either proper surface drainage or a **permeable sub-base**.
- **Make any necessary surface repairs prior** to cleaning and application of **ResinScape**
- **Surface must be dry and free of loose dust/debris** before **ResinScape** installation
- **Apply SB-8700 as a surface primer** to concrete and asphalt prior to installation. ResinScape installation can begin once SB-8700 is dry to the touch. (Primer is not needed on an EZ Set base.)

Acceptable Base Types

EZ Set Permeable Base

- Must cure a minimum of 7 days prior to installation.
- Install EZ Set on a compacted **open-graded aggregate base**.
- Aggregate base must be stable and well compacted - Aggregate depth based on project's load requirements.
- Install **EZ Set** to appropriate depth prior to installing **ResinScape**. [Click](#) or scan for **EZ Set** Installation Instructions.



Concrete Base

- Must cure a minimum of 7 days prior to installation.
- Surface must be clean and free of dust or contaminants.

Asphalt Base

- Surface must be stable with no loose material.
- Asphalt should be installed or seal coated a minimum of 14 days prior to ResinScape installation.

New Installation Base Recommendations

All recommendations are subject to local code and specific engineering requirements.

	SUBSTRATE COURSE					
	CONCRETE/ASPHALT			EZ SET		
	Pedestrian	Vehicular	Light Commercial	Pedestrian	Vehicular	Light Commercial
ResinScape Course	3/4"	3/4"	1"	3/4"	3/4"	1"
Substrate Course (Concrete, Asphalt, EZ Set)	3.5"	6"	8"	2"	4"	6"
Stone Base	4" DG	6" DG	8" DG	4" OG	8" OG	12" OG
Sub-Grade	Native			Native		

DG=Dense Graded Base
OG=Open Graded Base

Substrate Preparation

Before installation:

- Make necessary surface repairs.
- It is recommended to install border pavers or concrete curbs as an edge restraint on open edges of ResinScape. The edge restraint should be installed so the top is level with the finished ResinScape surface.
- Apply primer (SB-8700) if needed based on surface type (concrete and asphalt).
- Remove dust, debris, oil, grease, and loose material.
- Ensure surface is **clean and completely dry**.
- Mask off and protect surrounding/adjacent surfaces from resin spills. Resin will cause permanent stains.
- Install **ResinScape beading** with SB-15 Rapid Set as required for inlays and color changes to contain the material. **Click** for SB-15 Installation Instructions.



RESINSCAPE DEPTH REQUIREMENTS

APPLICATION	PROPER DEPTH
Pedestrian Surfaces & Residential Driveways	¾"
Light Commercial Vehicle Use	1"

ESTIMATED COVERAGE PER KIT

IMPORTANT: It is highly recommended to order at least 5% of additional material beyond the estimated coverage to help account for job-site variables and avoid material shortages during installation.

USE	MINIMUM DEPTH*	APPROXIMATE COVERAGE*
Pedestrian & Residential Vehicle	¾ in (19 mm)	32.3 sf (3.0 m ²)
Light Commercial Vehicle	1 in (25mm)	23.7 sf (2.2 m ²)

*A greater thickness will enable better compaction, resulting in improved durability.

ResinScape Kit Contents:

- **ResinScape** bucket containing Part A resin, Part B hardener and binder sand
- Four (4) 50 lb bags of specified aggregate (200 pounds total)

TOOLS/SUPPLIES NEEDED (* items are available to purchase from SEK-Surebond)

- Drill Powered Handheld Paddle Mixer
- EZ Mixer by Baron - Forced Action Mixer*
- Mixing Tray
- Wheelbarrow with plastic (4 mil) tarp to line it
- Timer/Stop Watch
- Hygro-thermometer
- Duct Tape
- Flat Shovel
- Smooth Lute Rake
- Trowels*:
 - Double Handle Bull Trowel
 - Baby Bull Trowel
 - Bucket Trowel
- ResinScape Trowel Cleaner*
- Tarps
- Rags and/or paper towels – white
- Gloves
- ResinScape Beading* as needed
- SB-15 Adhesive*, Applicator

INSTALLATION REQUIREMENTS

- **Installation Temperature:** 40°- 85° f, no rain in forecast for 24 hours, Relative humidity < 85%.
- **Surface Temperature:** < 100° f
- Always follow the specified ratios and mix times.

- Do not alter the aggregate or resin blend.
- Do not use aggregate that is damp/wet
- Use aggregates from the same batch/lot on a project.
 - If multiple batches/lots are used, pull bags from multiple pallets for each batch.
- Use **EZ Mixer by Baron F-120 forced action mixer** for best results.
- **Keep resin and aggregates cool on warm days.** Do not store in direct sunlight or in a hot vehicle.
- **If Part B appears milky, do not use it.** This indicates moisture contamination.

MIXING

Proper/consistent mixing practices are critical to the performance and appearance of the ResinScape Resin Bound System.

Step 1

Open the **ResinScape** kit bucket and remove the components:

- Resin Part A
- Resin Part B
- Binder Sand

Step 2

Pour **Part A** into the empty **ResinScape** bucket then pour **Part B** into the same bucket. Care must be taken to get as much material out of each bottle as possible.

Step 3 – Grab your Timer

Place bucket between your feet to hold it in place. Using the handheld resin mixer, thoroughly **mix Part A and Part B** resins together until the color is consistent. **Mix one minute.** Use this mixing time for all subsequent batches. Consistency is important and affects the final appearance.

Step 4

With the **EZ Mixer running**, add the **4 bags of the selected aggregates** to the mixer.

Step 5

Pour the **mixed resin** into the running EZ Mixer with aggregate, being careful to scrape all the mixed resin out of the **ResinScape** bucket. **Mix for 2 minutes** until the aggregate is evenly coated with the resin. Use the same mixing time for all subsequent batches.

Step 6

Slowly add the bag of **Binding Sand** to the EZ Mixer and mix for **1 minute** to evenly distribute the binder sand into the aggregate.

IMPORTANT:

1 - Total mix time for all batches should be consistent. Variance in mix times will result in inconsistencies in the final appearance. **Best practice is to use a stopwatch to monitor mix times.**

2 - Clean EZ Mixer with Trowel Cleaner and white rags/paper towels **every 4 – 5 batches** when using the same color aggregate to avoid build up. Clean EZ Mixer before **changing to a new color aggregate**. Remember to clean the chute.

Additional Notes

- Keep resin **cool on warm days**. Do not store in direct sunlight or in a hot vehicle.
- If **Part B appears milky**, do not use it. This indicates moisture contamination.
- **Consistency is Critical:** Mix every batch **the same way and for the same amount of time** to maintain consistent color and finish.

APPLICATIONS INSTRUCTIONS

Once the **ResinScape** aggregates and resin are mixed, the material must be installed immediately.

Step 1: Discharge entire mixture into plastic lined wheelbarrow and transport to laying surface

- Pour small amounts of the mixed ResinScape into small workable areas (within arm's length) onto the prepared substrate (Don't dump the entire wheelbarrow).
- Spread evenly using steel trowel or lute rake.

Step 2: Level and Compact

- Use a steel trowel to compact and smooth the surface using uniform and consistent motions.
- Apply firm pressure to fully bind the aggregates and tighten the voids between them.
- Clean/lubricate the trowel regularly with the **ResinScape Trowel Cleaner** to prevent sticking.

Step 3: Maintain Proper Thickness (see depth requirements listed on page 2)

- Maintain consistent depth across the entire surface.

Step 4: Continue Installing Batches

- Install each batch immediately after mixing.
- Work continuously to maintain a vertical wet edge between batches to prevent visible seams.
- Over/back trowel between batches a maximum of 4" to blend.

AFTER INSTALLATION

- Protect surface from pedestrian use for 24 hours @ 68° f (cooler temperatures extend cure time).
- Protect from vehicle use and heavy traffic for 48 hours @ 68° f (cooler temperatures extend cure time).
- Keep surface dry for 24 hours (turn off irrigation systems).
- Install caution tape/barriers to prevent usage.
- To restore surface luster/shine, a rejuvenator may be used.

Contact for more information:  800-932-3343 | info@sek.us.com