

# Installing Resiscape

## Each 4m<sup>2</sup> kit contains:

3 x 25kg bags of 2-5mm Aggregate	1 x Bucket Part A Resin
1 x 12.5kg bag of 1-3mm Aggregate	1 x Bucket Part B Hardener
1 x 6.25kg bag of C50 Sand	

All weights and measurements are nominal with a tolerance of +/- 5%

**IMPORTANT NOTE: It is essential all product is present and correct on site before attempting to begin any install. Once the installation process has begun it cannot be stopped on a dry join.**

## Setting Up:

### Health & Safety

Ensure when preparing and installing Resiscape that full H&S procedures are adhered to. A full risk assessment of the project should be carried out before any work begins. Ensure you wear appropriate PPE including gloves and eye protection, especially when working with chemicals. For safety data sheets please visit our website [www.resiscape.co.uk](http://www.resiscape.co.uk)

### Preparing your area

Before Laying the aggregate system the surface must be dry and free from dust, oil, grease, weeds and algae. The aggregates and surface temperature of the base, should be at least 3 degrees above the dew point. To calculate the dew point please refer to [www.resiscape.co.uk](http://www.resiscape.co.uk). If using the Resiscape Primer, please follow the instructions on the packaging. It is recommend that a primer is used on all applications that go onto a concrete base.

### You will need:

- 100ltr capacity forced action mixer as this is required to thoroughly mix the aggregate and resin together. These mixers are readily available on the market to purchase/hire.
- A plasterers paddle and drill for mixing both resin parts together
- Resiscape Spirit Cleaner & application tool. This is used to create the final finish and maintain the cleanliness of the tools throughout the installation.
- A wheelbarrow, trowel and tamping/levelling bars

It is not always possible for the aggregates to come from the same batch, therefore blending is always advised to reduce the risk of any colour batching.

## Mixing the aggregate and resin:

Open the Part A Resin bucket and add the Resiscape Accelerator if required, mix well. Take the Part B Hardener bucket and pour the full contents into the Part A bucket.

(Any opened bucket should be used immediately)

- 1 Paddle mix together for about 30 seconds until a consistent colour is achieved.
- 2 Empty the 3 bags of 2-5mm and 1 bag of 1-3mm aggregate into the mixer and allow to dry mix for 30 seconds.
- 3 It is not always possible for aggregates to come from the same batch therefore blending is always advisable to ensure colour match.
- 4 Pour the resin mix into the already mixing aggregates and allow to coat for 30 seconds before then adding the C50 sand.

- 5 Once the sand has been added, the mixer should run for a further 40-60 seconds, until all of the aggregates are glazed.
- 6 All batches need to be mixed for the same amount of time (no more than two minutes) to avoid any colour separation between mixes. Mixing for prolonged periods will create abrasion between the aggregates, potentially changing the appearance.
- 7 Before emptying the whole mix into the wheelbarrow, open the chute slightly and let a handful of the mix drop out, close the chute and check the mix for any dry spots in the aggregate. The aggregate should be totally covered in the resin to allow it to all bond together.
- 8 Once you are happy that the aggregate is totally covered in the resin, release the Resiscape mix into the wheelbarrow.

Depending on the air temperature you have on average 20-30 minutes to work with each mix. (In warmer months, timings can reduce to 10 minutes).

## Laying the Resiscape system:

- 1 Choose a suitable starting point. We recommend you start from the furthest point and work back.
- 2 Tip the Resiscape out onto the prepared base.
- 3 With a trowel, spread the material out so it is easier to work with.
- 4 For lightly trafficked areas lay the mixture to a minimum of 15mm thickness.
- 5 We recommend wiping your trowel with Resiscape Spirit Cleaner to stop any mixture sticking. Continue to do this regularly throughout the laying process in order to aid installation.
- 6 Begin to trowel and tamp the mixture down until you get a flat surface.

- 7 At the end of laying each batch, leave the edge of the wet Resiscape mix mounded up. The next batch can then be overlapped into the previous mix.
- 8 To assist in achieving an even finish, apply Resiscape Spirit Cleaner to the trowel and smooth over the laid surface.
- 9 Repeat the same process until the installation is complete. Please note that the Resiscape system needs to be installed in a continuous process until the area is complete.

We recommend cleaning the mixer and tools with Resiscape Spirit Cleaner in-between every other batch. Depending on thickness laid and the environmental conditions, the surface should be fully cured 24 hours after installation. In cooler temperatures the surface may take longer to fully cure. Check the surface isn't soft or tacky before walking or driving on it.

**It is important that the Resiscape system remains dry during the curing process.**