

VubaRend – Application Guide

Universal Vertical Binder and Tack Coat



VubaRend is a universal tack coat and binder for vertical applications of aggregated systems up to 6mm in aggregate size and 10mm in application depth. VubaRend has been developed, formulated, and patented by Vuba.

Key Information

Product Type:	1 Component
Pot-Life	30 mins when in contact with air (keep covered until use)
Tack Coat:	500g – 650g per m ²
UV Resistance:	High
Max Aggregate:	6mm
Application Depth:	6–10mm
Max Height:	Unlimited
Ratio:	8 – 10% Binder to Agg

VubaRend Products



1kg VubaRend Pouch

Vuba Rend The Basics:

Start by applying a tack coat to your surface. This can be done with a trowel—1kg should cover approximately 1.6m². Using a serrated squeegee or your trowel, create texture to help the aggregate adhere and ensure even coverage across the surface. **Be careful not to apply too much tack coat, as this can negatively impact the adhesion of the aggregate to your prepared surface.**

Next, mix 1kg of VubaRend with 10kg of aggregates. This can be either a blend of 1–5mm aggregate or just 1–3mm aggregate. Mix until all the aggregates are evenly coated.

Finally begin applying the mix from the base of the wall upwards, **using very firm pressure.** VubaRend should be applied at a depth that ensures even coverage across the surface. **The depth required when using an all 1–3mm blend will likely be less than when using a 1–5mm blend.** Typically, this will be around 6–10mm. Once you've reached the correct depth, smooth the surface until you're satisfied with the finish.

PRIMING:

The same product is used for both the tack coat and the binder. Apply the VubaRend to the vertical surface using a scraper or a trowel at a coverage rate of 600–650g per m². A 1kg VubaRend pouch covers approximately 1.6m² when used as a tack coat.

Porous Surfaces:

For highly porous surfaces, you can at first apply an initial thin application of tack coat. Allow this to soak in, and then apply tack coat over the top as normal.

Smooth Surfaces (Or for an Enhanced Hold):

For smooth surfaces, or for additional support when applying vertically, you can apply a grip coat to the vertical surface. You would do this by applying Vubaprime EP-TC, a thickened epoxy primer, to the vertical surface, and then broadcast with Vuba Grip Quartz, a 1 – 1.4mm quartz aggregate at a 65% coverage. You would then leave this to cure overnight and then apply tack coat as normal to the profiled surface. The profile helps provide a key to grip to.

REPAIRING:

You can “base out” any areas of undulations and in need of repair by application of the VubaRend system in isolated deeper areas. Leaving an overall depth of up to 10mm for the final application. You would still need to apply a tack coat to the surface before application.

MIXING:

VubaRend and Aggregate:

VubaRend is available in 1kg pouches. The correct ratio of VubaRend to aggregate is between 8% to 10%, depending upon the aggregate size. Our 1kg pouch is a “catch all” weight for 10kg of aggregates.

We recommend mixing in batches of circa 10kg of aggregate and the 1kg pouch of VubaRend. Mix using a drill and paddle until all the resin is fully dispersed throughout the aggregate.

An approximate guide to ratios is as follows:

3–6mm in size = 800g to 900g mixed with 10kg

Mixed 1–6mm in size = 900g to 950g mixed with 10kg

1–3mm in size = 950 to 1,000g mixed with 10kg



Mixing Aggregate:

1 litre of product is approximately 1.5kg in weight. If you're using 10kg of the same colour and size, it's as simple as measuring out 6.66 litres or alternatively you can simply weigh out 10kg.

Where you'd like to make up a blend, and the blend contains 4 different grades of aggregate, you would do the following:

Making a blend:

Aggregate 1 = 2.5kg = 1.67 litres

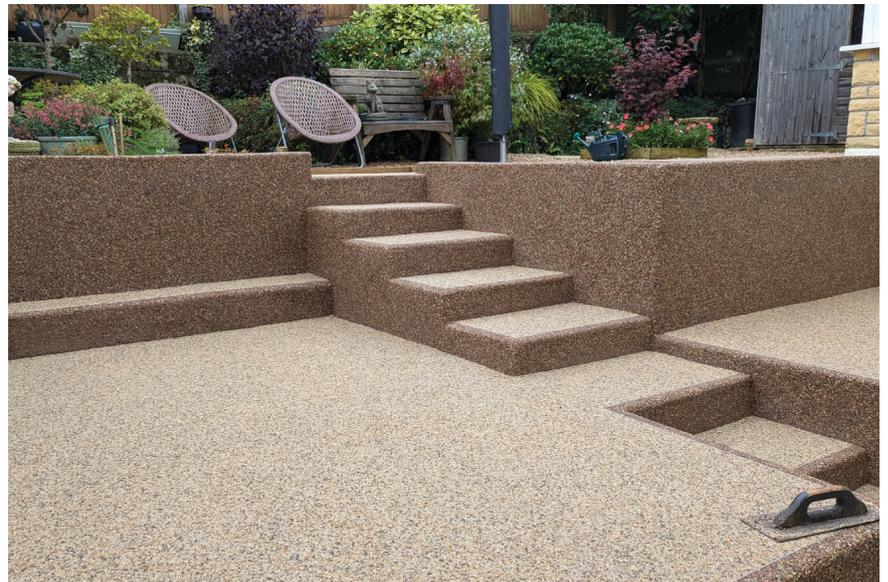
Aggregate 2 = 2.5kg = 1.67 litres

Aggregate 3 = 2.5kg = 1.67 litres

Aggregate 4 = 2.5kg = 1.67 litres

Or alternatively, simply weigh out 2.5kg.

To calculate the aggregate by volume, you can use a volumetric mixing tub, available from Screwfix, Toolstation and most builders' merchants.





NOTES:

- Coverage rates will vary depending on the wall texture and the aggregate shape and size.
- VubaRend for tack coat and for mixing with aggregate is the same product. The pouch is used to denote 1kg of material so you know how much to use for the tack coat without weighing.
- Pressure is important when applying VubaRend. Ensure to apply small apple sized amounts of material at a time. Slow is fast when it comes to rendering with VubaRend!
- For applications on to ceilings, you may need to increase the binder content to 10% depending upon the aggregate size.
- VubaRend is more intolerant to moisture than a normal binder because it is moisture curing, therefore do not apply in wet conditions. Do not use soapy water to clean the trowel during application as this can affect the finish – instead Vuba Trowel Cleaner is ideal.

