

# vuba



## Shield Rapido

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The Home of Resin **vuba** 

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## About Vuba

Vuba is a manufacturer and distributor of specialist resin products based in Beverley, East Yorkshire. The Scott family has been involved in the manufacture of resin since its introduction to the UK industry, replacing tiles and cementitious screeds. Our team of technical experts are on hand to help with any advice, samples or specifications you may need.



## Vuba Shield Rapido

Shield Rapido is a high-build, Polyaspartic fast-cure floor coating system based on advanced materials, designed to provide a tough and durable gloss finish in a variety of thicknesses. Spartacoat Colour is light stable with very good chemical resistance which can be applied to a variety of finishes and surfaces. Decorative and anti-slip finishes can also be created incorporating suitable flakes and aggregates.



## Why Choose Vuba Shield Rapido?

- ✔ **Fast curing at low temperature**
- ✔ **High build**
- ✔ **UV stable**
- ✔ **Very Low odour**
- ✔ **Tough but flexible**
- ✔ **Can be applied onto a wide range of substrates.**
- ✔ **Can be used in Commercial and industrial**
- ✔ **Low VOC**

## Common uses for Shield Rapido?

- Where high-build UV stable coatings are required
- Areas where fast turnaround but high performance finishes are required at low temperature.
- Medical, Commercial and Industrial
- Decorative floors
- Domestic areas

# Shield Rapido Specification

System Thickness	Product Composition?	Product Size	Substrates to be applied on to?	Shelf life	Colours Available?
200 to 250 microns	2 parts 1 x Activator 1 x Resin	2.5kg or 5 kg	Concrete Wood Porous Tiles Cementitious Screeds Most Primed Surfaces	12 months in Sealed containers	See colour chart

Coverage rates	Pot life	Recoat time	Light traffic	Full traffic
16 to 20m <sup>2</sup> per coat per 5kg unit.	25 minutes once mixing is complete	2-3 hours	1-2 Hours (Temp Dependent)	5-6 Hours (Temp Dependent)

## Official Slip Resistance Testing

**Dry: 50**

**Wet: 30**

The method used for obtaining these results is BS7976 pt1-3 2002.

The slip resistance of a floor surface can vary as a result of the installation process, conditions at the time of application and subsequent traffic. Inappropriate cleaning or maintenance can adversely affect the performance. For further advice on potential wet areas please consult Vuba.

## Priming

Priming is only required on surfaces which are either weak or lack sufficient porosity (such as poor condition concrete or vinyl flooring). When required, it is possible to prime using our Polyaspartic prime, Prime Rapido, or a standard epoxy primer such as Epiprime or Hydraguard.

## Temperature Resistance

Shield Rapido is capable of withstanding temperatures up to 70oC.

## Chemical Resistance

Chemical resistance is officially classified as 'Excellent'. Consult us for information about resistance to specific chemicals.

VOC Rating

VOC <30 g/l



The information given in this data sheet is derived from tests and experience with the products and is believed to be reliable. The information is offered with- out guarantee to enable purchasers to determine for themselves the suitability of the product for their particular application. Any specification or advice given by Vuba Building Products Ltd or its agents is based on the information supplied by the purchaser. Vuba Building Products Limited cannot be held accountable for errors or omissions as a result of that information being incorrect or incomplete. No undertakings can be given against infringement of patents. Some materials are derived from natural sources. As such some variation may occur. Site conditions may also contribute to variation in finish and colour.

# Preparation & Application

## New Concrete / Moisture

Where the Relative Humidity of a concrete exceeds 75% Hydraguard should be specified and selected on the basis of hygrometer readings in accordance with BS 8203.

## Preparation

**New Concrete Floors:** New concrete must be clean, sound, dry and fully cured and surface laitance removed preferably by enclosed shot blasting or mechanical grinding, a minimum strength of 25N/mm<sup>2</sup> is required.

**Timber Floors :** Must be clean, sound, dry . Old clear varnish/ topcoat must be removed/sanded prior to application, as it may affect the inter- coat adhesion with Spartacoat Clear.

**Existing Concrete Floors:** Remove all dirt, oil, grease or other surface contaminants by enclosed shot blasting, scarification or mechanical grinding. Fats, oils or greases must be removed by mechanical means and detergent washing. Local repairs should be carried out using a suitable vuba Repair product.

## Existing Floors:

Where over-coating other systems such as epoxy coatings or screeds, as part of a specified composite system, these should be tack free, but not fully cured. For fully cured floor coatings remove any coatings mechanically first.

## Application Temperature:

Can be applied at a temperature between 2 and 30°C.

## Maintenance and Cleaning

Vuba recommend that Vuba Shield Rapido floors should be cleaned with a regular industrial cleaning regime with a floor scrubber utilising a soft bristle brush and Vuba. Industrial Floor Cleaner or similar with dirty water being removed.

## Health and Safety

Vuba Shield Rapido is formulated from materials designed to achieve the highest level of performance as safely as possible. However, specific components require proper handling and suitable equipment, this information is given in the relevant safety data sheets. In all cases, spillages or skin contamination should be cleaned as soon as practically possible, by dry wiping of the affected area, and thorough washing with soap and water.

Full Range of Colours Available

