

Your Product Datasheet

Vanguard HD

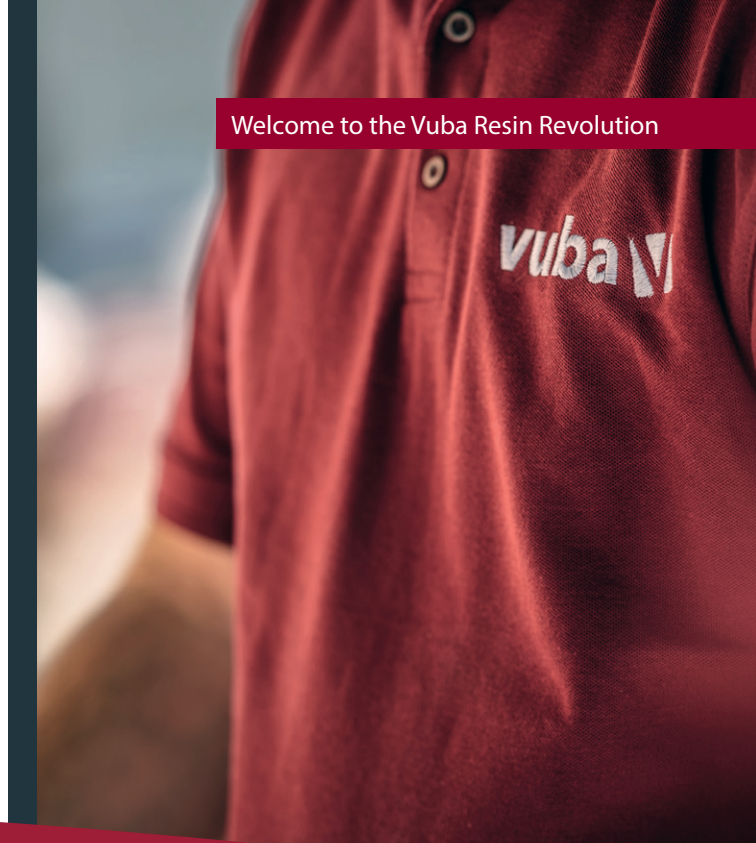


Made in
the U.K.



About us

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.



Common uses for Vanguard HD



Home garage floors

Home Garage Floors where a 'forever' solution is desired



Commercial & industrial

Commercial and Industrial for extra abrasion resistance



Non absorbent surfaces

Where an easy to clean, non absorbent surface is required



Demarcation

Where demarcation or designation of working areas is needed



Impressive environment

To create a highly impressive, organised working environment

Vuba Vanguard HD

Vuba Vanguard HD is a high build, highly durable epoxy floor coating based on advanced resin technology. Vanguard HD is designed to protect existing concrete and painted surfaces with a robust, abrasion resistant and attractive resin based finished. Vanguard HD is 100% epoxy (0% solvent addition) and therefore is excellent value for money compared with available alternatives. Vanguard HD has been specially formulated to provide an elongated 45 minute pot life (temperature dependent) for an epoxy resin, whilst reaching cure for heavy duty traffic within 48 hours.

Why choose Vuba Vanguard HD?

Low VOC Rating

Fast Curing System

Self Priming

100% Epoxy Resin

Bond to Almost All Surfaces

Can be used from Domestic to Industrial

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 1x Activator 1x Resin	2.5kg or 5kg	Concrete	12 months (in sealed containers)	See colour chart
			Wood		
			Porous Tiles		
			Cementitious Screeds		
			Most Primed Surfaces		

Coverage Rates	Pot Life	Recoat Time	Light Traffic	Full Traffic
16 to 20m ² per coat- per 5kg unit	45 minutes once mixing is complete	16-24 Hrs	18-28 Hrs (Temp Dependent)	24-28 Hrs (Temp Dependent)

Official slip resistance training

Dry 50 | Wet 30

The method used for obtaining these results is **BS7976 pt1-32002**.

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 epoxy primers, such as Epiprime, Hydraguard or Oilguard depending upon the surface requirement.

Temperature resistance

Vanguard HD is capable of withstanding temperatures up to 70°C.

Chemical resistance

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

VOC Rating

VOC <30 g/l





Full colour range available



Quarry Red



Postbox Red



Colerman Yellow



Lemon Yellow



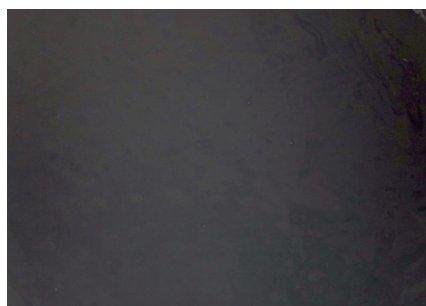
Cedar Green



Heritage Green



Ash Grey



Gun Metal



York Grey



Stone Grey



Arctic Blue



Admiral Blue

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/mm² 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 concrete 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 Vanguard HD 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 Vanguard HD 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.



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