

# Vuba-Seal Duragloss



## Industrial Warehouse



## Application

### Product Description

Gloss Floor Sealer

### Introduction

Vuba-Seal Duragloss is a two part solvent free high build gloss epoxy floor sealer. Duragloss possesses excellent abrasion and chemical resistance and its high build characteristics permit the application of seal coatings in excess of 0.25mm per coat. Two coats of this clear gloss epoxy floor sealer can provide a build equivalent to ten coats of conventional solvent containing sealants. Even on rough and uneven substrates, Duragloss can provide a smooth and easily cleanable surface with long lasting durability.

### Composition

Duragloss is a solvent free epoxy resin of medium viscosity combined with abrasion resistant fine fillers.

### Size

2.5kg Unit

### Components

Each unit of Duragloss comprises of one part Resin and one part Activator. Both components are pre-weighed and ready to mix.

### Coverage Guide

You can typically achieve up to 10m<sup>2</sup> per coat with a 2.5kg unit depending on the substrate type and condition. Smooth surfaces in good condition are more likely to achieve the full coverage than rough and damaged substrates. The thickness applied can also affect coverage achieved. Please contact us if you require further advice.

**Note:** Try to avoid under ordering and leaving yourself short on material. Applying in sections cannot guarantee a uniform finish.

### Appearance

Duragloss provides a smooth clear gloss surface finish.

### Availability

We aim to dispatch all standard orders received before 12pm for next day delivery. Custom colours and non-stock items may take up to 3-5 days.

### Typical Installations

Duragloss heavy duty floor sealer is typically applied in areas requiring good wear and chemical resistance which can be achieved effectively with this two part high build solvent free sealer. It is suitable for warehousing, toilets, food preparation areas, garages, engineers stores and other similar industrial environments. Duragloss is also commonly applied in domestic garages for a luxury floor finish that lasts much longer than standard epoxy or single part floor sealers which require regular touch ups.

### Anti Slip

By using aggregate with this gloss floor sealer you can achieve a 'Low' rating for slip resistance according to BS8204. Our additive, Vuba-Adsafe, can be applied in various ways. For the recommended two coat application, you should broadcast the additive into the first coat and seal in with the second once cured. For more detailed guidance and alternative methods, including single coat application, please consult the Vuba-Adsafe product data sheet. Grades available: Fine, Medium, Coarse and Non-Abrasive.

### Durability

Duragloss floor sealer possesses excellent long-term wear resistance to regular heavy duty traffic.

### Thickness

Duragloss can be applied from 0.4mm to 1mm depending on the application rate and number of coats.

### Substrates

Duragloss floor sealer adheres well to a range of surfaces including concrete, grano, metals and asphalts. Please contact us if you have an enquiry regarding alternative substrate types.

### Samples

To ensure that you are choosing the right product for the job, we always recommend purchasing an appropriately small amount to trial first. This allows you to gauge the achievable coverage as well as seeing the type of finish in person, which may sometimes appear differently to on the screen or printed out. This is also a good chance to practice the application method which may be a useful process if previous experience with two part gloss floor sealers is limited. Hard samples may also be available upon request and can usually be posted within 1-2 days.

### Preparation

To ensure maximum adhesion and performance from Vuba products the correct preparation methods must be adhered to. Please see our 'Vuba Floor Preparation Data Sheet' for more information.

**Tip:** Ensure you have a mixing area clearly set out and you have planned the application process well before mixing, ensuring all tools are ready to be used so that the product pot life can be used effectively.

**Note:** If applying onto existing coatings or resin screeds (old or new), lightly scarify the surface to create a subtle key which will ensure a smoother finish to the cured system.

### Priming

Duragloss floor sealer does not normally require a primer. When treating extremely weak or porous concrete it is advisable to prime with Epiprime. For further priming advice and options please contact us.

### Ambient Temperature

Duragloss is a relatively viscous floor sealer and although it will apply and cure above 5°C, an ambient temperature in excess of 10°C is preferable.

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## Mixing

Add the full contents of Activator B to the Resin A container and mix with a slow speed stirrer for at least two minutes.

**Important:** Both liquids are pre-weighed and designed to be mixed together in their entirety. It is essential that the full amounts are mixed together and until homogenous to ensure the product cures correctly and to the desired finish.

## Application Technique

Pour into a paint tray or directly on to the floor surface from the container. Use standard floor sealer brushes to cut in at the floor edges and intricate areas, and roll over open areas using a medium pile nylon roller. Our coating application kits contain all the appropriate items. Push the resin well into the surface making sure the floor is fully wetted and then pull back lightly with the roller to the required thickness. Allow first coat to cure and reapply in the same manner. Follow the cure schedule stated below for timing guidance.

**Tip:** Try to avoid leaving the sealer sat in the tub for extended periods once mixed, as the pot life may be reduced and usability could be compromised quicker than expected. You should aim to pour out and apply well before the end of the product pot life.

## Tool Cleaning

Vubasolve xylene solvent should be used to clean any reusable tools. Splashes or spillages can also be removed with the help of Vubasolve and wiping with rags.

**Tip:** Remove your roller refill from the frame immediately after application so the frame can be used again.

## Cure Schedule (20°C)

Pot Life:	20 minutes
Intercoat Period:	8-24 hours
Foot Traffic:	24 hours
Heavy Traffic:	48 hours
Full Cure:	7 days

**Note:** For lower temperatures the times will be extended, and equally shortened for higher temperatures.

## Maintenance

Duragloss floors can be easily cleaned using Vuba-Supaclean heavy duty alkaline cleaner. For increased protection you may wish to apply Vuba-Supasheen high solids floor polish. Our tyre mark remover is also safe to use on this gloss floor sealer if required.

**Tip:** For a longer lasting sealed finish, general good housekeeping is always worthwhile. You ought to clean regularly and ensure any spillages are immediately addressed.

## Technical Data

Compressive Strength:	40N/mm <sup>2</sup>
Flexural Strength:	28N/mm <sup>2</sup>
Lap shear bond strength:	15N/mm <sup>2</sup>
Elastic Modulus:	3.9kN/mm <sup>2</sup>
Ease of Decontamination:	Good
to BS 4247: part 1 test A	
Abrasion Resistance:	0.02mm
(As per BS8204)	
Impact Resistance:	<0.5mm
(BRE Screed Test)	

## Health and Safety

Please read the relevant Material Safety Data Sheets provided in compliance with the requirements of EC Directive 91/155 before commencing application.