



# Product Information

## Epoxy Floor Paint

### Description

NVP's two part water based epoxy floor paint (available with or without an anti-slip additive) is a two part water based epoxy floor coating for all applications where a high durability paint that is resistant to oil, grease and most chemicals is required. It is easy to apply with a standard roller or brush and has the added advantage of very low odour during application and curing. Once fully cured you are left with a tough, non-toxic, waterproof and easy to clean surface.

Colours (according to BS4800): Black, Mid Grey (00A09), Light Grey (00A05), Blue (20D45), Red (04C39), Green (14C39) and Safety Yellow These colour references are approximate due to the nature of the product. Other colours can be made to order, please phone for details and prices.

### Product Uses

- For application in areas where solvent based paints are unsuitable
- As a high durability coating for all floor areas such as warehouses, workshops, garages, showrooms etc.
- Solvent free making it ideal for use in hospitals, kitchens and areas of food preparation.
- Because it is oil and grease resistant it is ideal for garage floors
- Chemical resistant so ideal for areas of food manufacture and storage. i.e. dairies, grain silos, breweries, abattoirs and fisheries.
- Suitable for application to concrete, brick, stone and timber. Can be applied to asphalt but we recommend a test area is done first. Do NOT seal surfaces with PVA prior to application.

### Advantages

- Tough and hard wearing, suitable for vehicle traffic
- Excellent resistance to abrasion
- Easy to apply, no skilled labour required
- Will not taint water or food once cured
- Bonds to most surfaces except unprimed metal
- Anti-slip option is available
- Resists oil, grease and petrol
- Suitable for internal or external use

### Coverage

Approximately 5 – 7 m<sup>2</sup> / litre. On uncoated surfaces we recommend applying 2 coats, on very porous surfaces a third coat might be required.

### Preparation/Mixing

- Surfaces to be coated must be clean, dry and free from all dust and loose flaking material. Any oil or grease must be removed prior to application. To get good adhesion to power floated concrete floors (smooth and slightly shiny) the surface should be etched or mechanically abraded prior to the application to give it a key. New concrete should be at least 6-8 weeks old and fully cured.
- When applying to absorbent surfaces such as bare concrete, ply etc the first coat should be diluted by an additional 10% with clean water (this is in addition to the water already added). Depending on the porosity of the substrate a further 2 coats maybe required to give a consistent coloured finish.
- NVP's epoxy floor paint is a two part product and must be mixed together in the correct ratio.
  1. Mix the contents of pack A to a uniform colour.
  2. Pour all of part B in to part A and stir until there is a uniform colour.
  3. Slowly add clean water whilst stirring up to the fill line on the outside of the Part A tin.
  4. Stir thoroughly by hand or a slow speed drill with paddle for a minimum of 3-5 minutes.
- Once mixed, the paint should be left for 10 – 15 minutes stirring occasionally prior to use. It is easier to mix water based products if they have been stored at room temperature for 24hours before use. Please take note of storage and usage temperatures below.
- If you unsure of the suitability of the product or are applying to an area greater than 30 m<sup>2</sup> we advise putting down a test area prior to application.
- Painted surfaces should be lightly abraded and any loose or flaking material removed.



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### Application

- The Epoxy Floor Paint should be applied with a standard brush or a short pile or mohair roller.
- The second coat should be applied as soon as the first is touch dry, depending on temperature this will take 2 – 4 hours. The sooner the second coat is applied the better the adhesion and ideally we recommend the second coat is applied within 6 hours. If the application of the second coat is left for longer than 24 hours the first coat will need to be lightly abraded before application.
- Enhanced slip resistance can be obtained by mixing our anti slip additive in with the floor paint prior to the application of the second coat, ensure it is thoroughly mixed before adding the granules. The entire contents must be thoroughly mixed to ensure an even distribution of the anti-slip granules then leave for 10-15 minutes before re-stirring and applying, this might also mean that the contents will need to be stirred occasionally during the application to ensure even distribution.
- Tools used can be cleaned in cold water providing it has not been allowed to dry

### Curing

- Surface Dry 4 - 6 hours
- Initial Cure 24 hours
- Full Cure 5 - 7 days. Please note that only after it is fully cured will it reach maximum strength and resistance to chemicals etc.
- Pot Life is 1 – 2 hours at 20°C

### Precautions

- All skin and eye contact should be avoided. Risk of serious damage to eyes.
- It is advisable to wear gloves and eye protection BEFORE opening, mixing or applying the product.
- DO NOT ingest the product, if this occurs seek immediate medical advice.
- Any area of skin contact should be immediately washed with soap and water.
- Keep out of the reach of children
- **DO NOT APPLY IN OR TO SUBSTRATES AT TEMPERATURES BELOW 10°C**
- **DO NOT STORE AT TEMPERATURES BELOW 5°C**
- Do not empty into drains or watercourses

### Technical Data

Pack size:	2.5 and 5 litre
Finish	Semi-Gloss
No of components	Two pack
Touch drying time	4 - 6 hours at 20°C, 50% relative humidity
Light foot traffic	24 hours
Full cure	5 - 7 days full cure
Overcoating time	Ideal: 2 - 6 hours at 20°C at 50% relative humidity Max: 24 hours at 20°C at 50% relative humidity
Cleaner	Water
Shelf life	12 months
Cleaning the coating	Hot soapy water
Storage conditions	Cool dry place below 25°C
Flammability	Non-flammable

*Technical details above are provided in good faith. We believe in the quality of our products and will willingly replace any product in the unlikely event of a quality related performance failure. Whilst we are confident in guaranteeing the quality of our products, we cannot however accept any liability for performance failure due to the incorrect application of our products. Correct application is critical to the successful performance of our products and as this process falls outside of our control we are unable to cover the application under our product performance warranty. Where there are doubts, it is recommended that user conduct their own suitability tests before use.*

Distributed by: New Venture Products Ltd  
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