



Rhinaqua[®] HB - Colour

2-pack water-based high-build coloured epoxy surface coating

7025 - line

Description

- 2-pack water-based high-build coloured epoxy floor coating

Properties

- Tough, durable surface
- High corrosion, chemical and abrasion resistance
- No solvent odour (Very low VOC)
- Safe to use and better for the environment

Typical Applications

- Workshop and warehouse floors
- Food preparation & storage areas
- Commercial carparks

How To Specify

- The flooring system shall be "Rhinaqua[®] HB - Colour" as supplied by Wagon Paints Australia Pty. Ltd.
- Please refer 'General Data' for substrate priming prior to application of Rhinaqua[®] HB - Colour
- The colour shall be
- The degree of non-slip to be similar to 'Approved' sample, or to ramp rating classification of "R"

General Data

- Weather resistance Good
Note – Product will chalk and discolour on exposure to both U.V. & artificial light sources, and some particular chemicals, however film integrity is not compromised. The application of UV-stable Rhinofloor[®] Polyurethane topcoats are highly recommended if the Rhinaqua[®] HB - Colour system is specified for areas exposed to climatic conditions as per mentioned above. Severity of film discolouration is also subject to shade of colour selected, with white and light to mid grey tones most affected. Please refer RHINOFLOOR Technical Representative for further information.
- Solvent resistance Good
- Chemical resistance

Fats & Oils	Excellent
Alkalis, dilute	Excellent*
Acids, dilute	Good*

 (*may cause discolouration of some colours)
- Abrasion resistance Excellent
- Suitable primers Rhinaqua HB – Colour (Self-priming system)

Specifications (at 25°C and 50% relative humidity)

- Resin type..... Modified epoxy / water-soluble polyamine
- Mixing ratio..... 3 : 1 (by volume) (Refer 'Mixing Recommendation' as per below)
- Solids content..... 65% (by volume) (Solids reduced to 55% when thinned at 15% with water)
- Typical film thickness (per coat)..... 85 - 130 microns (dry)
130 - 200 microns (wet)
- Theoretical coverage..... 8 m² / L @ 85 microns (dry) (Thinned at 15% / Substrate porosity dependent)
- Thinning..... Thin at 10-15% (by volume using potable water – Refer 'Mixing recommendations' below)
- Touch dry..... 1 - 2 hours
- Hard dry..... 5 - 6 hours
- Full cure..... 7 days (will not cure at temperatures below 10°C)
- Recoating..... 5 - 6 hours
within 24 hours to ensure good intercoat adhesion
after 24 hours - sanding is required prior to recoating
- Pot life..... 1 - 1½ hours (Temperature dependent)
- Gloss..... 75% (Dependant on amount of thinner - Potable water added)
- Colour..... Extensive AS2700 colour range (Refer Rhinofloor colourcard)
- Shelf life..... minimum 12 months (in cool, dry conditions)

Rhinaqua[®] HB - Colour

Pack sizes

Pack size	4 litre kit*	16 litre kit*
Pack A	3 litres	12 litres
Pack B	1 litre	4 litres

*Available in an extensive AS2700 colour range (Refer Rhinofloor colourcard)

*Manufacturing "Lead-times" may apply for this product (Refer Rhinofloor Technical Representative)

Anti-slip Characteristics

Addition of slip-resistant additive to the 'Rhinaqua[®] HB - Colour' industrial flooring system is NOT recommended.

- A nonslip version of the 'Rhinaqua[®] HB - Colour' product is available, but is only suitable for foot traffic in domestic situations, and should not be used where vehicular or hard-wheeled commercial or industrial traffic is prevalent.
- If nonslip characteristics are required, please refer RHINOFLOOR Technical Representative for further information.
- Additive for non-slip properties must be added to pail and stirred mechanically for at least 5 minutes prior to application. Quantity = 300gm (Rhinaqua[®] HB - Colour Non-slip additive) / 16L (Paint)

If specification / contract document states that a floor must conform to a particular Australian Standard for slip resistance, then an aggregate must be added into the Rhinofloor flooring system to impart the required non-slip rating. Please refer to Wagon Paints technical department for further information.

Wagon Paints Australia, incorporating Rhinofloor Coatings, does not warrant the "Anti-slip" performance of the coating system(s), with or without aggregate, as this characteristic is out of our control. It is up to the applicator / contractor / purchaser to satisfy any "Anti-slip" regulations or standards required if applied to areas which may be hazardous to pedestrian or vehicular traffic.

The 'Rhinofloor' floor-coating range has been designed / manufactured primarily to protect the concrete substrate. Please be aware that scratching, marring, colour-fading, gloss reduction, etc, will be evident, with the rate of film attack directly related to service conditions within the areas that these coatings have been applied. Wagon Paints, incorporating Rhinofloor Coatings, take no responsibility for film attack as mentioned, as these issues are a known fact inherent to all industrial epoxy and polyurethane floor coatings.

Your local RHINOFLOOR Technical Representative is:

Cameron O'Donnell

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These technical data and recommendations are based on tests and information believed to be accurate at the time of printing. They should not be construed as containing any warranty, either expressed or implied. Users should conduct their own tests to determine final suitability of this product.

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