

PRODUCT DESCRIPTION

Andcoat HB has been developed to provide protective and decorative properties to concrete steel and other substrates.

The material is supplied as a two pack system, comprising pre weighed amounts of base and curing agent. After mixing together, an easily applied chemical and abrasion resistant finish is produced.

MIXING

Pour the contents of the Part B container into Part A and thoroughly mix using a slow speed drill for a minimum of five minutes until the material forms a uniform colour and consistency.

GENERAL GUIDANCE

This Data Sheet is for general guidance purposes only and may contain information that is inappropriate for certain conditions of use. Accordingly, all recommendations and suggestions are made without guarantee. Specific installation advice can be provided upon request. Please consult our Sales Department to confirm that this Data Sheet is the current issue.

TYPICAL USAGE

As a waterproof, tough, chemical resistant floor or wall coating in food preparation areas, breweries, abattoirs, bottling factories, etc. As an internal lining for concrete or steel storage tanks containing voils, chemicals, water, etc. It is particularly suitable for chemical bunds.

APPLICATION

Apply by brush and short/medium piled roller at a nominal rate of 0.25kg/m². After a minimum of 16 hours and before a maximum of 48 hours, apply a second coat at the same coverage rate and a minimum of 6 hours and no later than 24 hours after the first coat has cured for AndCoat HB FC. The first coat must not be contaminated prior to applying the second coat. Should a heavy non-slip finish be required, a suitable aggregate should be scattered onto the first coat of the AndCoat HB whilst still wet. The following day, any excess aggregate should be swept from the surface using a clean brush prior to application of the second coat. A further coat may be required to obtain an even finish. The ambient temperature of the works area should be a minimum of 15°C during the application and curing period, if not adhered to this can affect the colour and appearance of the system. Materials and substrate temperature must be above 10°C.

HEALTH + SAFETY

Avoid contact of the material with skin and eyes. Wear appropriate gloves, overalls and eye protection during use. Please refer to material safety sheet for additional information. For specific advice regarding any aspect of this product, please consult our technical section.

CURING

Allow to cure for a minimum of 24 hours @ 20°C prior to light foot traffic access and 48 hours @ 20°C prior to vehicular trafficking. Seven days cure @ 20°C is recommended prior to exposure to chemicals.

ANDCOAT HB CONTINUED



LIMITATIONS

Product should be protected from other trades using Kraft paper or similar breathable material. Polythene should not be used. Protect the installed floor from damp, condensation and water for at least twenty-four hours at 20°C. Ensure that the ambient temperature remains above 10 degrees C for at least twenty-four hours after installation.

AndCoat HB is NOT UV stable. Yellowing will occur under UV exposure. The substrate and uncured floor must be kept at least 3 degrees C above the dew point to reduce the risk of condensation or blooming on the surface. If the works area requires heating, before and during application and until full cure of the material system is attained do not use paraffin, oil, gas or fossil fuel heaters as they produce water vapour and carbon dioxide which adversely affects the floor finish. Use only electric powered or indirect warm air systems.

PRODUCT ADVANTAGES

Fast Application

Solvent Free

Hygienic/Easy to Clean

Good Chemical Resistance

Seamless Floor Finish

SURFACE PREPARATION

A) Concrete shall be a minimum of twenty-one days old and/or the residual moisture content shall be below 6%. Ensure that the concrete is clean and free from dust, laitance, grease, oil, curing compound, existing paint finishes, etc. Blow holes and defective concrete shall be made good using a proprietary repair compound. Block work shall be sealed. Suitable mechanical treatment, such as vacuum grit blasting, is the preferred treatment prior to application, as this ensures a mechanical "key" for the coating.

B) Steel surfaces shall be shot blasted or grit blasted to a nominal Sa 2.5 Swedish standard. All dust and grease shall be removed prior to coating application. If a delay is likely to occur between blasting and application then please contact a member of staff to talk through recommended products.

COVERAGE

A 5 kg pack is sufficient to coat 8.3 -10.0 m² of surface with the recommended two coat treatment, providing an overall d.f.t. of 425 - 500 microns.

TECHNICAL PROPERTIES

Pot Life	30 mins @ 20°C
Tack Free Time	6 hours @ 20°C
Light Traffic	12- 16 hours @ 20°C
Full Chemical Resistance	7 days @ 20°C
Coverage	0.25-0.30kg/m ² /coat
Adhesive Strength	3.9 N/mm ² (mild steel) Excellent (diluted acid/alkalis)

Specific installation advice can be provided on request.

ANDCOAT HB CONTINUED



HEALTH & SAFETY

Wear gloves and goggles.

Wash off splashes immediately with soap and water. Please refer to Material Safety Data Sheet for additional information. Andcoat HB shall be applied strictly in accordance with the manufacturer's instructions. Specific installation advice can be provided upon request.

STORAGE & SHELF LIFE

Store in dry conditions at temperatures between 10°C and 25°C. Do not expose to freezing conditions. Andcoat HB has a minimum of twelve months shelf life when stored in the original, unopened containers, and when in accordance with manufacturer's instructions.

Contact info:

INFO@ANDREWSCOATINGS.CO.UK
01902 710057

If you need any further information please feel free to contact a member of our technical team where we will be happy to assist.