



HYTEC A370 RAPID

SINGLE PART SURFACE MEMBRANE FOR CEMENTITIOUS SUBFLOORS

TECHNICAL SHEET NO: TDS02177 10/10/2023

SMART ADVANTAGES

- No mixing – reseal and reuse
- No priming required
- Up to 95% RH

DESCRIPTION

Bostik HYTEC A370 RAPID is a ready for use, one part, water-based damp proof membrane. It has been developed to suppress residual construction moisture in textured and absorbent cementitious subfloors, concrete and sand/cement screeds. It is not recommended for use on dense compacted or profiled floors, calcium sulphate screeds or subfloors without an intact base DPM.

Two coats must be applied and will provide protection up to a maximum hygrometer reading of 95% RH.

Bostik HYTEC A370 RAPID can also be used on heated sand/cement screeds with a confirmed moisture level not exceeding 90% RH when tested in accordance with BS 8203. Underfloor heating must have been fully commissioned and any cracks, damages etc. in the subfloor must be fully repaired.



TECHNICAL CHARACTERISTICS

Colour	Applied blue, dries black
Form	Low viscosity liquid
Specific gravity	1.24 approx.
Composition	Polymer emulsion blend
Application temperature	+10°C to +30°C
Drying times	First coat: 15 to 30 minutes approx. at +20°C Second coat: 1 hour approx. at +20°C (depending on ambient temperature and humidity)

COVERAGE

- Always apply two coats
- Two coats will cover up to 40m² per 12kg
(depending on the smoothness and absorbency of the floor surface)

APPLICATION

IMPORTANT: Before using Bostik HYTEC A370 RAPID, refer to the relevant Health & Safety Data Sheet, available at www.bostik.com/uk.

All phases of the application should comply with the current editions of:

- BS 8102 Code of Practice for protection of structures against water from the ground.
- BS 5325 Code of Practice for installation of textile floor coverings.
- BS 8203 Code of Practice for installation of resilient floor coverings.
- BS 8201 Code of Practice for installations of for flooring of timber, timber products and wood-based panel products.

Ensure the correct PPE is worn during use.

PREPARATION

- Bostik HYTEC A370 RAPID relies on adhesion to a sound, strong substrate. Ensure the subfloor is clean, sound and dry (<75%RH), free from laitance, cracks, structural defects and contaminants that may prevent adhesion (dust, grease, paint, plaster, polish and poorly bonded adhesive residues), and conforms to BS 8204 Code of Practice.
- Highly polished surfaces or surface hardeners may require shot blasting. Power floated concrete must be abraded or shot blasted to provide a good key for adhesion.
- The minimum working application and substrate temperature is +10°C and rising.

UNDERFLOOR HEATING

- Underfloor heating must have been fully commissioned.
- Bostik HYTEC A370 RAPID can be used on cementitious substrates containing warm water underfloor heating systems. The system must be switched off 48 hours prior to, during and for 48 hours post application. To prevent rapid dehydration, wait 48 hours after installation before gradually turning up underfloor heating.

APPLICATION

- Swirl the bottle gently to mix contents before use. Avoid excessive shaking as this will incorporate air into the product. Bostik HYTEC A370 RAPID must be applied in two coats.
- First coat: Decant the liquid into a paint tray, or similar container. Pre-wet a roller with Bostik HYTEC A370 RAPID. Apply the first coat in one direction (e.g., north-south or east-west), ensuring that the material is worked well into the substrate. Allow to fully dry.
- Bostik HYTEC A370 RAPID is considered dry once the blue colour has disappeared and a glossy, shiny black film is achieved.
- Second coat: When the first coat is dry, approximately 15 to 30 minutes at +20°C, apply the second coat at right angles to the first coat.
- It is essential that a pinhole free coating is achieved, and that the correct coverage rate has been attained. The coverage rate is dependent on subfloor moisture levels and whether the subfloor contains underfloor heating (see table below for coverage rates).

Moisture levels	Coverage (2 coats)
<90% RH unheated screed:	40m ²
90% to 95% RH unheated screed:	30m ²
<90% RH heated screed:	30m ²

Coverage is quoted at the maximum coverage rate per 12kg unit at two coats. Two coats must always be applied, and each coat will require 6kg of material.

- Allow to dry to a tack free film. At +20°C, the drying time will be approximately 1 hour. Drying times are based on good ambient conditions of +20°C and 65% RH. Colder and/or more humid conditions will delay drying.
- Bostik HYTEC A370 RAPID must be kept free from foot traffic and contamination from dust and materials from other trades until the Bostik smoothing compound has been applied.
- Bostik Hytec A370 Rapid is not suitable for use as a wear layer and must always be covered with a Bostik smoothing compound.
- Cover with a minimum 3mm and maximum 10mm thickness of a Bostik smoothing compound to provide an absorption medium for any subsequent adhesive. The smoothing compound must be applied within 24 hours. NOTE: Should this not be achieved, then a fresh application of Bostik HYTEC A370 RAPID should be applied.
- Allow the smoothing compound to dry and bond the floor covering with the recommended Bostik adhesive.

CLEANING

- Clean tools and equipment with warm water immediately after use. Dried and hardened material can only be removed mechanically, or with white spirit.

STORAGE

- Store and transport securely in an upright position. Ensure the cap is fully closed. Store for up to 12 months from date of manufacture in original, unopened packaging in cool, dry conditions within the temperature range +5°C to +40°C and out of direct sunlight. Protect from frost.

PRECAUTIONS IN USE

For any application not covered, please contact Technical Services on +44 (0)1785 272625 or visit www.bostik.com/uk for advice.

Recommendations and suggestions are for guidance only, since conditions of use are completely beyond our control.

For health and safety instruction, first aid measures and spillage and disposal instructions, see separate Health and Safety Data sheet for Bostik HYTEC A370 RAPID, available at www.bostik.com/uk.

PACKAGING

Product codes	30620708	12kg polyjerry
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