

COVERCOL AB RAPID

Elastoplastic Waterproof Membrane & Tile Adhesive

December 2011

NO.1461 v2

Description

Two component product that combines hydraulic binder and acrylic elastomer to produce a flexible waterproofing membrane and tile adhesive.

Properties

Strong, flexible, excellent adhesion, chemical resistance and waterproof.

Uses

- As a flexible waterproofing membrane
- As a ponding area flush out compound
- As a tile bedding or adhesive compound

Packaging

- Component A is 15kg of powder Matrix
- Component B is 5kg canister of liquid Latex

Technical Data

	Component A	Component B
Appearance	White	Latex
Colour	White	Off-white
Apparent Specific Weight	1.35Kg/Litre	1.01Kg/Litre
Storage in original containers	12 months	12 months

Covercol AB Rapid mixed compound

Specific weight of measure	1.55Kg/Litre
Application temperature	From +5°C to +35°C
Mix working time at 20°C	50 minutes
Open time at 20°C	30 minutes
Foot traffic (as adhesive)	After 6 hours
Grouting	After 6 hours
Resistance to peeling	3.2N/mm ²
Thermal resistance	From -40°C to +90°C
Flexibility	Optimal
Vapour barrier	U abt. 1500
Toxicity	Non toxic

Mixing

Pour liquid Latex Component B into pail and gradually add powder Matrix Component A, mixing with a slow speed mixer until a smooth lump free creamy plastic mix is obtained. This produces a 20Kg batch. Mixing ratio 3 to 1.

Coverage or consumption

Subject to substrate undulations, falls required, type and size of notched serrated trowel used, the consumption of Covercol AB Rapid varies.

Formula for calculating consumption of Covercol AB Rapid is based on the specific weight of mixed 2 components being 1.55Kg/Litre.

Filmbuild : size mm x 1.55Kg/Litre = Kg/m²

Trowel : size mm ÷ 2 x 1.55Kg/Litre = Kg/m²

Guide only for (a) filmbuild, (b) serrated trowel

A. 2mm thick x 1.55Kg/Litre = 3.10kg/m²

B. 5mm trowel ÷ 2 x 1.55Kg/Litre = 3.88Kg/m²

Note: you are advised to carry out a trial area to ascertain the consumption rate of the Covercol AB Rapid required for the project, then cost before tendering.

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COVERCOL AB RAPID <i>Elastoplastic Waterproof Membrane & Tile Adhesive</i>	
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<u>Possible uses of / or processes</u>	<p>Covercol AB Rapid can be used in various procedures or systems, of which are:</p> <ul style="list-style-type: none"> • Flushing out undulation in substrate levelling. • Screeding out ponding areas in substrate. • As sloping screed for improved falls. • Resurface existing Traffigard membrane before tiling over. • In conjunction with new Traffigard membrane before tiling over. • In conjunction with INDEX membrane before tiling over. • Resurfacing existing cracked tile areas before tiling over. • Bedding compound adhesive for tile laying. <p>Note: All oversurfacing must incorporate mesh within Covercol AB layer.</p>
<u>Joint or crack treatment</u>	<ul style="list-style-type: none"> • Instal Coverband or Aquaflex tapes in corner upstands. • Instal Aquaflex at sheet joints or cracks in concrete. • Bed-in tapes into Traffigard resin or Covercol AB Rapid compound. • Leave to dry completely.
<u>Application process</u>	<ul style="list-style-type: none"> • Sheet substrate must be primed and waterproofed with Hitchins Traffigard or Index membrane process. • Concrete substrate; also recommend pre-waterproofing process. • Apply Covercol AB Rapid to substrate with steel trowel at approx 1.25Kg/m². • Lay-in and trowel over fiberglass reinforcement mesh (super fine or standard plaster) into Covercol AB Rapid. • Film over with Covercol AB Rapid to produce a comprehensive waterproof layer, process consumption 2Kg/m². • Leave to dry completely, important. <p>Note: consumption of Covercol AB Rapid is higher over Index Bitumen membranes due to overlap undulations.</p>
<u>Tiling Process and Expanding Joint</u>	<ul style="list-style-type: none"> • Plan layout of tiles to provide chase of approx 8-10 mm to upstands and 6mm chase at 2 metre centre throughout the surface area • Apply Covercol AB Rapid with notched serrated trowel at the determined rate of coverage/consumption required • Bed-in the tiles, press down firmly to the desired requirement • Leave to set, protect externally from changing weather • Install bond breaker, gun in quality sealant into chases, tool off • Grout tiles as normal procedure
<u>Clean up</u>	No special equipment or tools required. Clean up is in water.
<u>Health and Safety</u>	Covercol AB Rapid is non-hazardous and safe to use, however take care when mixing powder. Refer to Safety Data Sheet 1461.
<u>Compliance</u>	Do not apply or install any Hitchins product or process to building structures that do not comply with the Building Code.
<u>Warranty</u>	Covercol AB Rapid , as part of a process, is covered under the Hitchins Product Performance Warranty Document for "that" products process, as per our Warranty Schedule.
<u>Disclaimer</u>	Hitchins New Zealand Ltd supply quality (QC) assurance products and application instructions, as we have no control over on-site application, we accept no liability thereafter.
<u>Documentation</u>	You are advised to acquire full documentation on product processes and their application from Hitchins New Zealand Ltd