

HydroBond System

HYDROBOND-SA PRIMER LT[®]

Primer for HydroBond-SA and HydroBond-SAGM

Rev 1.0 - 12 July 2021

PRODUCT CODE - 401P

PRODUCT OVERVIEW

Newton HydroBond-SA Primer LT is the primer for [Newton HydroBond-SA](#) and [Newton HydroBond-SAGM](#). Comprised of bitumen and aromatic hydrocarbon solvents, the primer is moisture tolerant, allowing it to be used on green concrete or damp to touch substrates. It can be applied at low temperatures and is quick drying. Allowing early application reduces delays to the building programme, even in marginal weather conditions.

APPLICATION



PACKAGING



5 litres

Single component within one container

COVERAGE RATE



KEY BENEFITS

- Quick to apply
- Moisture tolerant
- Easy to apply at low temperatures
- Enhances tape adhesion
- Quick drying

TYPICAL APPLICATIONS

- Primer for [Newton HydroBond-SA](#) and [Newton HydroBond-SAGM](#)
- Enhancing bond of butyl tapes when terminating to concrete or metal substrate

SUITABLE SUBSTRATE

- Correctly formed, compacted and prepared concrete of at least 20 N/mm²
- Concrete block
- Screed
- Metal

METHOD OF APPLICATION

- Brush
- Roller

NEWTON SYSTEMS

Newton HydroBond-SA Primer LT is a component of the [Newton HydroBond System](#) for externally applied 'Type A' waterproofing.

LIFE EXPECTANCY

The primer is taken up by the surface capillary network of the substrate and then covered by the coating, membrane or repair product and therefore has a life expectancy of the concrete it is applied to or the covering above.

SPECIALIST TOOLS REQUIRED

No specialist tools required.

PACKAGING

5 litres.

APPLICATION RATE

- Concrete: 0.125 - 0.166 litres/m²
- Concrete block: 0.2 - 0.3 litres/m²
- Steel: 0.1 litres/m²

COVERAGE RATE

- Concrete: 6-8 m²/litre
- Concrete block: 3-5 m²/litre
- Steel: 10 m²/litre

NEWTON HYDROBOND-SA PRIMER LT[®]

Primer for HydroBond-SA and HydroBond-SAGM

TECHNICAL DATA

| Features | | Result | | | | | Units |
|-----------------------------------|------|----------------------|-------|-------|-------|---------|----------|
| Form – Single component | | Low viscosity liquid | | | | | |
| Colour | | Black | | | | | |
| Specific Gravity | | 0.92 | | | | | |
| Pack size (plastic container) | | 5 | | | | | Litres |
| Weight | | 5.0 | | | | | kg |
| Application rate – Concrete | | 0.125 - 0.166 | | | | | l/m² |
| Application rate – Concrete block | | 0.2 - 03 | | | | | l/m² |
| Application rate – Steel | | 0.1 | | | | | l/m² |
| Coverage rate – Concrete | | 6-8 | | | | | m²/litre |
| Coverage rate – Concrete block | | 3-5 | | | | | m²/litre |
| Coverage rate – Steel | | 10 | | | | | m²/litre |
| Pot life @ 20° C & RH of 40% | | N/A | | | | | |
| Application temperature | | +5 to +45 | | | | | °C |
| Service temperature | | -40 to +80 | | | | | °C |
| Odour | | Hydrocarbon | | | | | |
| Shelf life | | 12 | | | | | Months |
| Curing* | 5° C | 10° C | 15° C | 20° C | 25° C | Units | |
| Ready for application over | 90 | 80 | 60 | 45 | 40 | Minutes | |
| To not be adulterated by rain** | 90 | 80 | 60 | 45 | 40 | Minutes | |

The above data, even if carried out according to regulated tests are indicative and they may change when specific site conditions vary. *Figures are influenced by humidity also and so are indicative.

CONSTRUCTION & PREPARATION

Please refer to the data sheet of the product to be applied over this primer.

MIXING

The primer does not require mixing. Shake the container before use.

APPLICATION

Apply the product evenly onto the substrate using a brush until fully coated. Coverage rate is dependent on the substrate porosity.

POT LIFE & FURTHER USE

The primer a single component liquid with no chemical cure and so has no pot life. When some product is unused, simply reseal the packaging and use within 6-months. If decanted, use or discard. Do not place back into original packaging.

DRYING TIMES

For curing/drying times please see Technical Data Table on page 2.

MEMBRANE APPLICATION

Newton HydroBond-SA and Newton HydroBond-SAGM should be applied on the same day as priming.

CLEANING

Clean tools with thinners/white spirit.

Contaminated water must be disposed of safely and in accordance with local authority regulations for the disposal of waste products. Please refer to product label and product SDS for further information on safe disposal.

COLOUR

Black

LIMITATIONS

- Do not apply prior to heavy rain
- Do not apply at temperatures lower than +5°C or higher than +45°C

STORAGE & SHELF LIFE

Store in dry conditions at temperatures between +5°C and +45°C. Do not expose to freezing conditions. Do not allow to freeze.

When stored in the correct environment a shelf life of 12 months can be expected.

HEALTH & SAFETY

Use appropriate PPE for the environment the system is installed within. Use products only as stated within the this Data Sheet and the MSDS and Application Guides.