

# HydroBond SA Primer LT<sup>®</sup>

Primer for HydroBond SA & HydroBond SAGM

Revision: 1.0 - 12<sup>th</sup> July 2021  
Code: 401P

## INTRODUCTION

*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/mm<sup>2</sup>
- Concrete block
- Screed
- Metal

## METHOD OF APPLICATION

- Brush
- Roller

## COLOUR

Black

## 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/m<sup>2</sup>
- Concrete block: 0.2 - 0.3 litres/m<sup>2</sup>
- Steel: 0.1 litres/m<sup>2</sup>

## COVERAGE RATE

- Concrete: 6-8 m<sup>2</sup>/litre
- Concrete block: 3-5 m<sup>2</sup>/litre
- Steel:- 10 m<sup>2</sup>/litre

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Primer for HydroBond SA & 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/m <sup>2</sup>				
Application rate – Concrete block	0.2 - 0.3	l/m <sup>2</sup>				
Application rate – Steel	0.1	l/m <sup>2</sup>				
Coverage rate – Concrete	6-8	m <sup>2</sup> /litre				
Coverage rate – Concrete block	3-5	m <sup>2</sup> /litre				
Coverage rate – Steel	10	m <sup>2</sup> /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.

## 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 the table above.

## LIMITATIONS

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

## 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.

## MIXING

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

## STORAGE & SHELF LIFE

Store in dry conditions 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 SDS and Application Guides.