

### HYGIENIC COATING FOR BABYROOMS, NURSERY, CHILDCARE CENTRES & HOMES

#### Description

Babylab is a water based hygienic ; adhesion promoted Multiphase dispersion undercoat/topcoat. It has excellent adhesion to concrete, masonry, timber, and fibre cement. Used as the undercoat and topcoat wherever a water based, non toxic coating is required.

#### Uses :

Babylab is the recommended waterbased primer and topcoat used by THE LAB for nursery,baby rooms or childcare centres.

The added benefits are: anti-mould,asthma friendly, almost odour free,water resistant,super opacity and highly washable

#### Properties

<b>Colour:</b>	White or Standard colors
<b>Gloss level:</b>	Semi-Sheen
<b>Volume solids:</b>	54%
<b>Application method:</b>	Brush, roller or spray
<b>Drying times:</b>	(25°C, 50% RH)
-Touch dry:	30 minutes
-Re-coat:	2 hours
<b>Clean up:</b>	Water
<b>Flammability:</b>	Non-flammable
<b>VOC content:</b>	>0.5 g / liter

Little known facts about:

#### INFANTS:

According to Physicians, babies under six weeks of age take in 30-60 breaths per minute (compared to 14-16 breaths per minute for adults). That is up to 86,400 breaths per day – three times the respiration rate of adults. Clean air is a priority as their respiratory tracks are more vulnerable, immune systems are weaker and brains are still developing.

#### TODDLERS:

As children develop stronger muscles to start crawling and subsequently rise to their feet, their sense of curiosity and exploration grows. As they crawl on the floor and learn to walk using the walls as support, they become more vulnerable to indoor surface pollutants. As such, it becomes a priority to ensure that they are protected from the dangers of bacteria, molds and viruses.

#### PRE-SCHOOLERS:

As children grow stronger and are able to walk, skip and jump, playtime becomes increasingly important for their emotional, mental and physical development. As kids are spending more time indoors today, creating an environment that nurtures a child's creativity through playful indoors becomes more significant.

#### DISCLAIMER:

The recommendations contained herein are given in all good faith and are meant to guide the specifier or the user. They are based on results gained from our tests and experiences and are believed to be reliable. No guarantee is implied by the recommendations contained herein since conditions of use, method of application and cleanliness of the substrate prior to painting are beyond our control

### Application instructions

#### Surface preparation

Before using Babylab, it is important to ensure that the surface to which it is to be applied is clean, dry and free from dust and any loose material. All contaminants such as oil, grease, fungi, stain, or any surface laitance must be removed to ensure adequate development of bond when the Babylab is applied.

Timber surfaces to be lightly sanded and then dusted down to remove residues. When an previously oilbase coated surface need to be coated, it must be sanded and dusted to brake surface tension, before application.

#### Application

Babylab may be applied by brush, roller, or spray. When applied by roller, the applied coating should be "back rolled" to assist with adhesion. BabyBond is always advisable as a undercoat and act as a keycoat. Both application of BabyBond and Babylab will be touch dry in approximately 30 minutes between coats and may be overcoated with finalcoat after 2 hours drying under normal conditions.

This can be assessed at the time of application and is influenced by ambient temperature and type of surface treated. Must be coated with Babylab Products.

Note: Do not apply to uncured concrete or while rain threatens, or at temperatures below or that may fall below 10°C during the drying period. Babylab is not recommended for surfaces subjected to hydrostatic pressure.

When applying to horizontal surfaces it is important that an even film be formed on the substrate to avoid pinholes in the top layers.

### Supply

<b>Babylab</b>	250ml, 500ml ,1lt & 5lt
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### Coverage

<b>Babylab :</b>	8 - 10 m <sup>2</sup> / liter
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The coverage figures are theoretical – due to wastage factors and the variety and nature of possible substrates, practical coverage figures may be reduced.

**Recommended specification: BABYLAB - (2 coats)**

### Maintenance

No special requirements. Any damage identified during normal inspections should be repaired or replaced as required.