

NIPPOBOND LATEX 118
Updated Jan'24
DESCRIPTION

NippoBOND Latex 118 is a single component, multi-use bonding agent and latex admixture, which is used to enhance the performance and physical properties of floor screed, plastering and rendering mortar, when incorporated into cement mixture.

PRODUCT FEATURES:

- Enhance cohesion strength
- Improve abrasion and water resistance
- Reduce shrinkage
- Modified angle fillet

APPLICATION:

Ideal to be incorporated into cement render, mortar, plaster and floor screed, to enhance mechanical and bonding properties.

Product Type	Pack Size	Finishing	Substrate
Bonding Agent	4L/18L	Gloss	Concrete, Masonry

Typical Technical Data

Form	: Liquid
Color	: Milky White
Density, kg/L	: 1.00 ± 0.02
pH	: 9-10
Material Consumption	: 0.10L/m ² /mm (approximately 19% of NippoBOND Latex 118 in total dry material)
Shelf Life	: 12 months (This product should be stored in original container in a shaded or cool, dry and adequate ventilation warehouse. Avoid direct exposure to sunlight.)

Application Method

Surface Preparation	<ul style="list-style-type: none"> • Ensure the substrate is stable, dense and thoroughly clean. All the foreign materials, contaminates and impurity must be removed till bare substrate. • Substrate that are very dry should be wetted down to a saturated surface dry condition.
Mixing (Cement Render/Screed)	<ul style="list-style-type: none"> • Pour 1 part of NippoBOND Latex 118 into a clean container. Slowly add 1 part cement and 4 parts sand into the concrete mixer drum, and mix for 3 minutes with a low-speed mixer until a homogeneous mortar is obtained without lump.
Application (Cement Render/Screed)	<ul style="list-style-type: none"> • Apply the mortar with minimum 2 coats, using a trowel to the required thickness. • To ensure the good contact between mortar and substrate, the first coat should be a thin layer, and allowed to cure for 24 hours prior to second coat application. • After application, especially in a very warm or windy weather conditions, the mortars mixed with NippoBOND Latex 118 must be protected and cured carefully to avoid fast water evaporation, which could cause surface cracking, due to plastic shrinkage. Spray with water mist during the first two days of curing or protect the mortars with polyethylene sheets. Alternatively, use the curing compound to spray on the surface to facilitate curing process.

Cleaning

Equipment and tools for mixing the latex with the cement mixture should be cleaned with clean water as soon as the mixing process is completed.

Storage and Transportation

This product should be stored in original container in a shaded or cool, dry and adequate ventilation warehouse. When transporting, care must be taken. Always keep container in a secure upright position. Failure to comply with the recommended storage may result in considerable premature deterioration of the product or shorten its shelf life.

Safety Precautions

- Wash thoroughly after handling. Keep away from food and drinks.
- Wear protective gloves/protective clothing/eye protection/face protection.
- Precaution should be taken to avoid skin or eye contact or swallowing the product.
- Use adequate ventilation to avoid high vapour concentrations.
- When handling or mixing the product, avoid inhaling vapour.
- In case of inadequate ventilation wear respiratory protection. In case inhaled, remove patient to fresh air and allow to rest.
- In case swallowed, do not induce vomiting. Rinse mouth clear with plenty of water.
- In case contact with eye, immediately rinse with plenty of water and seek medical advice.
- Remove splashes from skin by using soap or water.
- Disposal of product should always comply with local and national regulations.
- When applying, it is advisable to wear eye protection.
- In case of contact with eye, rinse with plenty of water immediately and seek medical advice.
- Remove splashes from skin by using soap or water.
- Dispose off any waste in accordance with the appropriate Environment Quality Regulations

Note

The above information is given to the best of our knowledge based on laboratory tests and practical experience. However, since we cannot anticipate or control the many conditions under which our products may be used, we can only guarantee the quality of the product itself. We reserve the right to alter the given without prior notice.