LATEX 118 enhances the quality of cement mortars such as floor protective screed, thin layer patching mortar, render, concrete repair mortar, tile adhesive, abrasion resistant lining and masonry mortar. LATEX 118 can increase the toughness of mortars, such as floor, plaster, and cementitious materials, enhancing their durability and water resistance. It also improves the workability and applicability of mortars.

**Application / 應用資料**

**For Bonding Slurry:**
Add Nippon Paint LATEX 118 and mix with fresh cement to a creamy consistency. Brush well onto prepared surface.

**For High-Performance Render Ratio:**
25 Litres of Nippon Paint LATEX 118 : 50kg of cement : 150kg of sand.

**Technical & Physical Data**

- **Form:** Liquid
- **Color:** Milky White
- **Density:** 1.00 ± 0.02
- **Working Time (25°C):** 40 Minutes
- **Drying Time (25°C):** 6 Hours
- **Curing Time (25°C):** 24 Hours
- **Bond Strength on Concrete (7 Days):** 10kg/cm²
- **Consumption:** 2kg/m²
- **Sheel Life:** 1 year when unopened and undamaged
- **Storage Condition:** Store in dry cool place
- **Packaging:** 4L, 18L

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**HOW TO DO YOU START TO WATERPROOF?**

**What is the waterproofing process?**

During the waterproofing process, Waterproothing is to be done right after the concrete and mortar works, it should be noted that waterproofing membranes need to be installed at least 1mm thick. This thickness ensures that the waterproofing membrane will not be damaged by the concrete. The waterproofing membranes are typically made of bitumen or HDPE.
FLEX 100 is a single component PU modified bituminous waterproofing. It exhibits better curing, elongation and flexibility. It may be applied to any surfaces such as old or new masonry, or concrete.

It can be used on: Balcony, Bathroom, Powder coating, Basement, Gutter, Floor slab, Planter box, Retaining wall.

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FLEX 200 is an elastomeric breathable acrylic polymer waterproofing membrane. It is cured to form a seamless, UV-durable, protective waterproofing and decorative membrane. It is a waterproofing and weatherproofing for old and new construction. It is suitable for above ground, interior and exterior waterproofing application.

It can be used on: Roof, Terrace, Ceiling, Opening, Sealing cracks and joint on wall, Exterior wall, etc.

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Technical & Physical Data:
- **Form:** Smooth and thinned dark liquid paste
- **Color:** Black when dry
- **Density:** 1.05 ± 0.05
- **Tensile Strength (MPa):** ASTM D 412: 13.1 ± 1.0
- **Softening Point (°C):** >100
- **Water Resistance:** No blistering or re-emulsification
- **Adhesion Strength (MPa):** > 1.0
- **Water Vapor Permeability (g/m²/24 hours):** 0.15
- **Sheel Life:** 1 year when unopened and undamaged
- **Storage condition:** Store in dry cool place
- **Packaging:** 25kg
- **Hard Dry:** < 24 hours
- **Touch Dry:** 4 - 6 hours

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Method of Statement:
1. **Open the cover of FLEX 100:**
   - Mix thoroughly with cement
2. **Apply with brushes, roller or spray:**
   - Use a brush to apply the liquid.
3. **Finishing with cement coated or tile:**
   - Use a roller to apply the coating.