LATEX 118

Water Based

Water Resistant Polymer Bonding Agent and Mortar Modifier

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可提升水泥砂浆的粘结和品质，例如地面砂浆，薄层修补砂浆，抹灰，混凝土修补砂浆，耐磨衬里砂浆，砌筑砂浆。

✓ Excellent adhesion and durability
优异的附着力和耐用性

✓ Excellent crack and water resistance
优异的抗裂性和防水性

✓ Good flexural and impact strength
良好的抗弯性和冲击能力

Application / 应用资料

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

用于结合泥浆：
把Nippon Paint Latex 118和水泥混合在一起，然后涂刷在施工的表面上。

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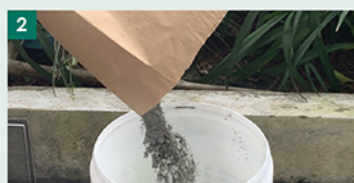25 Litres of Nippon Paint Latex 118 : 50kg of cement : 150kg of sand.

用于更好的防水效果：
把25公升的Nippon Paint Latex 118，50公斤的水泥与150公斤的沙子混合在一起。

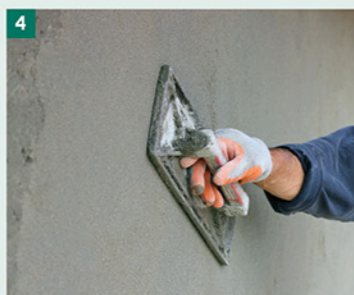## Method of Statement / 施工方法

1

Pour the NIPPON LATEX 118 into a pail
将NIPPON LATEX 118倒入空桶

2

Add cement and sand
再倒入水泥和沙

3

Mix thoroughly
将材料均匀搅拌

4

Apply directly to construction surface by using cement knife
用水泥刀均匀涂佈在施工的表上面

5

Finish with tile
涂佈完成后并铺盖瓷砖

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):	**10kgf/cm²**
Consumption:	**2kg/m²**
Shelf Life:	**1 year when unopened and undamaged**
Storage condition:	**Store in dry cool place**
Packaging:	**4L, 18L**

SO WHEN DO YOU START TO WATERPROOF?
什么时候开始做防水？

During home renovation, Waterproofing to be done right after electrical and plumbing work. It should be noted that, Waterproofing membrane needs to be at least 1mm thick.
防水体系将在水电工程安装之后进行。而防水膜的厚度至少要1mm。

WATERPROOFING SOLUTIONS

NIPPON PAINT

Protect • Preserve • Prevent

✓ **Crack Bridging** / 裂纹桥联

✓ **Easy Application** / 容易使用

✓ **Seamless Waterproofing** / 防水紧密且无缝

FLEX 100
PU Bitumen Waterproofing

FLEX 200
Acrylic Waterproofing

LATEX 118
Water Resistant Polymer Bonding Agent and Mortar Strengthening Additive

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SIRIM

GreenLabel SINGAPORE

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.

FLEX 100 是聚氨酯改性的沥青防水涂料。它具有更好的固化，伸长率和柔韧性。它可以应用于在任何表面，例如旧的或新的砖石或混凝土表面。

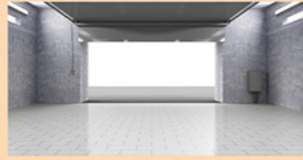**It can be use on / 它可以用于:**

Balcony 阳台

Bathroom 浴室

Patios 天井

RC Gutter
钢筋混凝土排水槽

Basement 地下室

- Floor slab 楼板
- Planter box 花盆箱
- Retaining wall 面墙

✓ **High elastomeric: able to crack bridge up to 1.5mm**
高弹性以桥接裂纹高达1.5mm

✓ **Excellent resistance to chemicals, oils, bacteria, salt**
抵抗化学品，油脂，细菌，盐

✓ **Zero VOC**
零 VOC

Application / 应用资料

With brush, roller or spray method apply the first coat of **FLEX 100** on the application surface. Leave to cure for approximately 8 hours before applying the second coat.

使用刷子，滚筒或喷涂将第一层Flex 100涂在应用表面。让第一层固化8小时，在施加第二道涂层。

Theoretical Coverage / 漆耗量（理论值）

Brush / Roller : 1.00 - 1.10kg per m² for 0.5mm dry film thickness.

Method of Statement / 施工方法

1. Open the cover of FLEX 100
打开FLEX 100的盖子

2. Mix thoroughly
将材料均匀搅拌

3. Apply with brush, roller or spray
用滚筒，喷涂或刷子均匀涂佈

4. Finish with cement screed or tile
涂佈完成后并铺盖沙灰或瓷砖

Excellent elongation >1000%
优异的伸长率
(Sirim test>1000%)

System Build Up / 系统构建

Tile Finish / 瓷砖
Cement Screed / 水泥砂浆
FLEX 100: 2nd Coat
FLEX 100: 1st Coat
Concrete / 混凝土

Technical & Physical Data

Form:	**Smooth and thixotropic dark black liquid paste**
Color:	**Black when dry**
Density:	**1.35 ± 0.05**
Tensile Strength (MPa)ASTM D 412:13:	**>1.0**
Elongation to break (%)ASTM D 412:13:	**1000**
Softening Point (°C):	**>120**
Water Resistance:	**No blistering or re-emulsification**
Adhesion Strength (MPa):	**> 1.0**
Water Vapor Permeability (g/m²/24 hours):	**0.15**
Shelf Life:	**1 year when unopened and undamaged**
Storage condition:	**Store in dry cool place**
Packaging:	**20kg**
Hard Dry:	**< 24 hours**
Touch Dry:	**4 - 6 hours**

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

FLEX 200是拥有可伸缩性，透气力的丙烯酸防水涂料。当它固化之后将形成无缝，抗紫外线的防水膜。它应用于室内和室外。
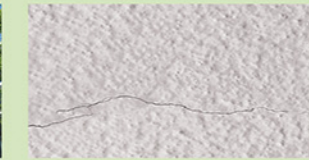
It can be use on / 它可以用于:

Roof 屋顶

Terrace 露台

Ceiling 天花板

Balcony 阳台

Overhang 悬挑

Sealing cracks and joint on wall
密封墙上的裂缝和接缝

✓ **Flexible: Capable of bridge stationary cracks**
灵活：能够固定桥梁裂纹

✓ **Resistance against salt and atmospheric gases**
抵抗盐和大气中的气体

✓ **UV Resistance**
抗紫外线

Application / 应用资料

With brush, roller or spray method apply the first coat of **FLEX 200** on the application surface. Leave to cure for approximately 1 hour before applying the second coat.

使用刷子，滚筒或喷涂将第一层Flex 200涂在应用表面。让第一层固化1小时，在施加第二道涂层。

Method of Statement / 施工方法

1. Open the cover of FLEX 200
打开FLEX 200的盖子

2. Mix thoroughly
将材料均匀搅拌
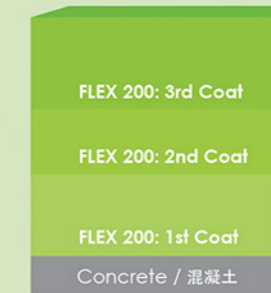

3. Apply with brush, roller or spray
用滚筒，喷涂或刷子均匀涂佈

4. Can use on internal or external wall
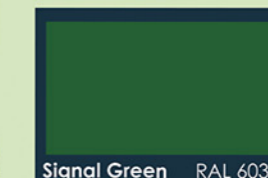亦可涂佈在建筑物内外墙

System Build Up / 系统构建

FLEX 200: 3rd Coat
FLEX 200: 2nd Coat
FLEX 200: 1st Coat
Concrete / 混凝土

Theoretical Coverage / 漆耗量（理论值）

Brush / Roller : 0.35kg per m² / coat.

TOPCOAT AVAILABLE IN 3 COLOURS

White

Signal Green   RAL 6032

Window Grey   RAL 7040

Technical & Physical Data

Form:	**Liquid**
Color:	**White, Green, Grey**
Density:	**1.354**
Tensile Strength (MPa)ASTM D 412:13:	**5.1**
Elongation to break (%)ASTM D 412:13:	**970**
Water Resistance:	**No blistering or delamination**
Adhesion Strength (N/mm²):	**2.4**
Water Vapor Permeability (g/m²/24 hours):	**0.15**
Shelf Life:	**1 year when unopened and undamaged**
Storage condition:	**Store in dry cool place**
Packaging:	**5kg, 20kg**
Dry time:	**60min at 30°c**

*All colour shown in this printed card are as close to actual Nippon paint colours as modern printing techniques permit.