

Base SBR Latex 70 Base SBR 乳胶 70

Liquid polymer bonding agent for cement containing mixes

含水泥混合料用液体聚合物粘结剂



DESCRIPTION / 产品描述

Base SBR Latex 70 is a one component styrene butadiene rubber latex bonding agent. Base SBR Latex 7 is designed to improve the physical properties of cement mixes and slurries.

Base SBR Latex 70 是一种单组分苯乙烯-丁二烯橡胶 (SBR) 乳胶型粘结剂, 旨在改善水泥拌合物和水泥浆的物理性能。

APPLICATIONS 适用范围

Base SBR Latex 70 is ideally designed for use in the following applications:

Base SBR Latex 70 适用于以下应用:

- Bonding of new to old concrete when used as a slurry coat.
- To produce polymer modified screeds and floor toppings.
- To produce a mechanical key prior to rendering of various plaster mixes on concrete, brick and block surfaces.
- To produce a repair mortar for patching of honeycombed concrete, internally and externally.
- To produce waterproof renders.
- 作为浆料涂层使用时, 用于新旧混凝土之间的粘结。
- 用于制备聚合物改性找平层和地坪面层。
- 在混凝土、砖墙及砌块表面抹灰前, 形成机械咬合层, 以增强各种抹灰砂浆的附着力。
- 用于制备修补砂浆, 修补室内及室外蜂窝状混凝土缺陷。
- 用于制备防水抹灰层。

ADVANTAGES 优势 / 主要优点

- Successfully increases the bonding/adhesion of cement mixes.
- Excellent waterproof additive which helps produce waterproof renders, screeds and toppings.
- Effective plasticiser giving improved workability and cohesion.
- Improved mechanical and physical properties by increasing tensile, flexural and adhesive strengths.
- Reduces shrinkage and cracking in repair and screeding mixes.
- Good freeze/thaw resistance.
- Chloride free.
- Non-toxic, can be used for concrete in contact with potable water.
- 显著提高水泥混合料的粘结/附着力。
- 优异的防水添加剂, 有助于制备防水抹灰层、找平层及地坪面层。
- 有效的增塑剂, 提高施工性和内聚性。
- 通过提高抗拉、抗折和粘结强度, 改善机械性能和物理性能。
- 减少修补砂浆和找平层混合料的收缩和开裂。
- 良好的抗冻融性能。
- 不含氯化物。
- 无毒, 可用于与饮用水接触的混凝土。



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METHOD OF USE 使用方法

SUBSTRATE PREPARATION 基材准备

The substrate should be sound, clean and free from contamination. Surface laitance should be removed by acid etching. Exposed steel reinforcements should be grit blasted or wired brushed to a bright finish to insure it is clean of all surface contaminants. For patch repair, cut back the edges of the repair areas to a minimum of 10 mm depth to avoid thin repair thicknesses. Presoak substrates with water prior to commencing the repair.

基材应牢固、清洁且无污染。表面浮浆应通过酸蚀去除。裸露钢筋应进行喷砂或钢丝刷处理至明亮表面，确保清除所有表面污染物。

对于修补区域，应将修补边缘切割至至少 10 毫米深，以避免修补层过薄。在开始修补前，应先用水预浸基材。

MIXING 混合

In general, Base SBR Latex 70 should be added and mixed with the clean water prior to dry materials for better dispersion.

通常，Base SBR Latex 70 应先与清水混合，再加入干粉材料，以确保更均匀的分散。

1) As a bonding agent slurry: / 作为粘结剂浆液使用:

The recommended mix to produce slurry consistency can be achieved by mixing 1 Base SBR Latex 70 : 1 Clean water : 4 OPC cement by volume.

建议配比（体积比）为：Base SBR Latex 70 1 份：清水 1 份：普通硅酸盐水泥（OPC）4 份，可获得浆液一致性。

2) As a bonding and waterproofing additive for site mixed floor screeds, renders, concrete repair and floor patching:

The following table shows the mix designs proposed for the reinstatements of old floors, general purpose patch repair mortar and new floor screeding.

2) 作为现场拌制的地坪找平层、抹灰层、混凝土修补和地面修补的粘结及防水添加剂:

下表显示了用于旧地面修复、通用修补砂浆及新地坪找平层的推荐配比设计。



STANDARDS 标准

Base SBR Latex 70 complies with:
Base SBR Latex 70 符合以下标准:

- ASTM C1059-99, Type 1 and 2, when tested in accordance with test method ASTM C1042.
- ASTM C932, for bond strength.
- ASTM C1059-99, 类型 1 和 2, 按照 ASTM C1042 测试方法执行。
- ASTM C932, 用于粘结强度测试。

TECHNICAL PROPERTIES @ 250C:

Colour:	White
Specific gravity:	Around 1.0
Active solid content:	48 ± 2%
pH:	7 - 10
Slant shear strength:*	
ASTM C1042-99	
Type I (dry)	> 7.0 MPa
Type II (after immersion)	> 10.5 MPa
Tensile bond strength:*	> 1800 KPa
ASTM C932	(wet condition)
Shrinkage during cure:	0.01 - 0.02%
Resistance to water:	Excellent

* Results are for slurry mix with (1:1:4) mixing ratio, Base SBR Latex 70 : Clean water : OPC Cement by volume.

结果基于浆料配比（体积比 1:1:4）：Base SBR Latex 70 : 清水 : 普通硅酸盐水泥（OPC）。

PACKAGING 包装

Base SBR Latex 70 is available in 1, 5, 10, 25, 50 and 1000 Liter containers.

Base SBR Latex 70 提供 1、5、10、25、50 及 1000 升包装规格。

STORAGE 储存

Base SBR Latex 70 has a shelf life of 12 months from date of manufacture if stored at temperatures between 5°C and 35°C in closed packaging. If these conditions are exceeded, contact BASE Technical Department for advice.

Base SBR Latex 70 在密封包装、温度保持在 5°C 至 35°C 条件下，自生产日期起保质期为 12 个月。如超出此储存条件，请联系 BASE 技术部门咨询。

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	Thin Section 6 - 15 mm	Thick section 12 - 40 mm
Cement Clean sand	50 kg	50 kg
3 - 6 mm aggregate (preferably granite chips)	125 kg	75 kg
Base SBR Latex 70 Water	-	100 kg
Yield approximately	4 - 7 ltr	4 - 7 ltr
	17 - 19 ltr	17 - 19 ltr
	0.11 m ³	0.12 m ³

APPLICATION 施工方法

1) As a bonding agent slurry:

Use a stiff brush to apply a thick coat to presoaked surfaces. Application of the subsequent render, mortar or screed should take place while the bond coat is still wet (tacky). DO NOT apply on dry bond coats. (If bond coat dries before subsequent application, roughen the dry coat before applying a further coat of Base SBR Latex 70 slurry.)

2) As a bonding and waterproofing additive for site mixed floor screeds, renders, concrete repair and floor patching:

Apply the screed, repair mortar or render mix using a wooden float to place and compact while the bond coat is still wet (tacky). Finish with a steel float.

作为粘结剂浆液使用:

- 使用硬毛刷将厚层浆液涂刷在预先浸湿的基材表面。后续抹灰层、砂浆或找平层应在粘结层仍湿润（有黏性）时施工。切勿在干燥的粘结层上施工。如果粘结层在后续施工前已干燥，应将干粘结层打毛，再涂刷一层 Base SBR Latex 70 浆液。

作为现场拌制地坪找平层、抹灰层、混凝土修补及地面修补的粘结及防水添加剂:

- 在粘结层仍湿润（有黏性）时，使用木抹子将找平层、修补砂浆或抹灰砂浆铺设并压实。最后用钢抹子抹平表面。



CAUTIONS 注意事项

HEALTH AND SAFETY 健康与安全

Base SBR Latex 70 is nontoxic. Avoid skin and eye contact. Gloves and eye protection should be worn. The use of barrier cream is recommended on exposed areas of the skin. In case of accidental contact with eyes, immediately flush with plenty of water for at least 10 minutes and seek medical advice. For further information refer to the Material Safety Data Sheet.

Base SBR Latex 70 无毒。应避免与皮肤或眼睛接触。施工时应佩戴手套和护目镜。建议在裸露皮肤部位使用防护屏障膏。若不慎接触眼睛，应立即用大量清水冲洗至少 10 分钟，并及时就医。更多信息请参阅材料安全数据表 (MSDS)。

FIRE 防火

Base SBR Latex 70 is nonflammable. Base SBR Latex 70 不易燃。

MORE FROM BASE CONSTRUCTION PRODUCTS

更多 BASE Construction Products 产品

A wide range of construction chemical products are manufactured by BASE which include:

BASE 生产各种建筑化学产品，主要包括:

- Concrete admixtures
- Surface treatments
- Grouts and anchors
- Concrete repair
- Flooring systems
- Protective coatings
- Sealants
- Waterproofing
- Adhesives
- Tile adhesives and grouts
- Building products
- Structural strengthening
- Cool Roof Technology
- 混凝土外加剂
- 表面处理剂
- 灌浆材料与锚固剂
- 混凝土修补材料
- 地坪系统
- 防护涂层
- 密封胶
- 防水材料
- 胶粘剂
- 瓷砖胶及填缝材料
- 建筑产品
- 结构加固材料
- 凉屋顶技术



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CURING 养护

Care should be taken for appropriate curing. Use a chemical curing compound or a wet hessian completely covered with a polyethylene sheet for curing.

应注意进行适当养护。可使用化学养护剂，或用湿麻布覆盖并完全覆盖聚乙烯薄膜进行养护。

CLEANING 清洁

All tools should be cleaned immediately after use with fresh clean water. Hardened materials should be cleaned mechanically.

所有工具在使用后应立即用清水清洗。已硬化的材料应通过机械方法清除。



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