

Aqua Base Seal CR 125 水基础 密封 CR 125

**Flexible acrylic
cement modified
waterproof coating**

柔性丙烯酸水泥改性防水
涂层



DESCRIPTION | 描述

Aqua Base Seal CR 125 is a two-component polymer modified cementitious, flexible waterproof coating for internal and external applications available in many attractive colours.

Aqua Base Seal CR 125 是一种双组分聚合物改性水泥基柔性防水涂层，适用于内部和外部应用，并提供多种美观颜色。

APPLICATIONS | 应用

- » For waterproofing of water retaining structures and reservoirs.
- » For waterproofing of wet areas such as bathrooms and kitchens.
- » To provide protection for concrete substrates and masonry against carbon dioxide, chloride ions, water and deicing salts.
- » 用于蓄水结构和水池的防水。
- » 用于潮湿区域，如浴室和厨房的防水。
- » 为混凝土基材和砖石结构提供对二氧化碳、氯离子、水和融冰盐的保护。

ADVANTAGES | 优点

- » Waterproof, suitable for water retaining structure and basements.
- » Breathable, water vapour preamble.
- » Durable, excellent resistance to UV attack.
- » Excellent protection against carbon dioxide, chloride ions and water.
- » Non-toxic, suitable for drinking water.
- » Cost effective, quick and easy brush or spray application.
- » Suitable for internal and external applications.
- » 透气，允许水蒸气通过。
- » 耐用，对紫外线具有出色的抵抗力。
- » 对二氧化碳、氯离子和水有优异的保护作用。
- » 无毒，适用于饮用水。
- » 成本效益高，施工快速便捷，可刷涂或喷涂。
- » 适用于内部和外部应用。



Aqua Base Seal CR 125 水基础密封 CR 125

Flexible acrylic cement modified waterproof coating

ADVANTAGES | 优点

- » Waterproof, suitable for water retaining structure and basements.
- » Breathable, water vapour permeable.
- » Durable, excellent resistance to attack.
- » Excellent protection against carbon dioxide, chloride ions and water.
- » Non-toxic, suitable for drinking water.
- » Cost effective, quick and easy brush or spray application.
- » Suitable for internal and external applications.

- » 透气, 允许水蒸气通过。
- » 耐用, 对紫外线具有出色的抵抗力。
- » 对二氧化碳、氯离子和水有优异的保护作用。
- » 无毒, 适用于饮用水。
- » 成本效益高, 施工快速便捷, 可刷涂或喷涂。
- » 适用于内部和外部应用。

METHOD OF USE | 使用方法

SUBSTRATE PREPARATION | 基材准备

The surfaces to be coated should be clean, sound, and free from contamination. Remove any traces of curing compound, laitance, mold release agents, organic growth, or any other loose materials. This is best obtained by using high pressure water or light grit blasting.

待涂覆的表面应清洁、坚固且无污染。应去除所有养护剂、浮浆、脱模剂、有机物或其他松散材料。最佳方式是使用高压水或轻度喷砂处理。

MIXING | 混合

To ensure proper mixing, a mechanically powered mixer or drill fitted with suitable paddle should be used. 为确保充分混合, 必须使用带有适当搅拌桨的机械搅拌器或电钻。

The 5 kg of Aqua Base Seal CR 125 liquid should be added to a clean container.

应先将 5 千克 Aqua Base Seal CR 125 液体组分倒入干净容器中。

The 10 kg powder is then added slowly to the liquid while mixing continuously with low speed mixer/drill (400 - 600 rpm).

然后将 15 千克粉料缓慢加入液体中, 并持续用低速搅拌器或电钻 (400-600 转/分钟) 搅拌。

Mixing time should be continued for 3 minutes until a uniform consistency is obtained.

搅拌时间应持续 3 分钟, 直到混合物呈均匀一致状态。

TECHNICAL PROPERTIES @ 250C:

Mixed density:	1.85 ± 0.05 g/cm ³	
VOC:	< 10 g/ltr (powder) < 20 g/ltr (liquid)	
Working time:	45 min @ 30oC	
Resistance to water pressure: DIN 1048	> 30 m (3 bars) positive @ 2 mm thickness	
Mixing ratio:	5 kg liquid polymer with 10 kg powder	
Minimum application temperature:	5oC	
Chloride ion resistance:	Coated % Cl penetration	Uncoated % Cl penetration
3 months		0.018
6 months	0.0003 0.0003	0.035

Note: These results were achieved using 2 mm thickness.

Honey combing, damaged or deteriorated concrete exists, the substrate should be repaired using suitable low permeability repair mortar from Base repair systems before commencing the coating.

如存在蜂窝、破损或劣化的混凝土, 应在施工涂层前使用 Base 修补系统中的低渗透性修补砂浆进行修复。

Notes | 注意事项

» Solvent based primers and coatings like Repcoat primer and Setseal A should be removed mechanically before applying Aqua Base Seal CR 125.

» For Fair-face concrete, it is recommended to clean and prepare the surface by performing slight mechanical roughening, or applying water jetting to enhance the adhesion of Aqua Base Seal CR 125 and prevent peeling.

» 应在施工 Aqua Base Seal CR 125 前以机械方式去除如 Repcoat 底漆和 Seal CR 125 之类的溶剂型底漆和涂层。

» 对于清水混凝土, 建议通过轻微机械打磨或水喷射方式处理表面, 以增强 Aqua Base Seal CR 125 的粘附力并防止剥落。



Aqua Base Seal CR 125 水基础密封 CR 125

Flexible acrylic cement modified waterproof coating

PRIMING | 基层处理

No primer is required, but substrates should be pre-soaked with clean water prior to application of Aqua Base Seal CR 125.

无需使用底漆，但在施工 Aqua Base Seal CR 125 之前，应使用清水对基层进行预湿处理。

Honey combing, damaged or deteriorated concrete exists, the substrate should be repaired using suitable low permeability repair mortar from BASE repair systems before commencing the coating.

如存在蜂窝、破损或劣化的混凝土，应在施工涂层前使用 BASE 修补系统中的低渗透性修补砂浆进行修复。

CLEANING | 清洁工具

All tools should be cleaned immediately after finishing by clean water. Hardened materials should be cleaned mechanically.

所有工具应在施工完成后立即用清水清洗。已经硬化的材料应通过机械方式清除。



REMARKS | 注意事项

» Aqua Base Seal CR 125 should not be applied to frozen substrate or if ambient temperature is below 5°C or expected to fall below 5°C.

» Ensure proper ventilation during waterproofing system application and curing for optimal results.

» Aqua Base Seal CR 125 不应在冻结的基面或环境温度低于 5°C 或预计将低于 5°C 的条件下施工。

» 在防水系统施工和固化过程中应保持良好通风，以获得最佳效果。

STORAGE | 储存

Aqua Base Seal CR 125 has a shelf life of 12 months from date of manufacture if stored at temperatures between 5°C and 35°C. If these conditions are exceeded, contact Base Technical Department for advice.

如果储存温度保持在 5°C 至 35°C 之间，Aqua Base Seal CR 125 的保质期为自生产之日起 12 个月。如超过上述储存条件，请联系 Base 技术部门获取建议。

APPLICATION | 施工

Aqua Base Seal CR 125 can be applied by brush or spray. The mixed material should be brushed well into the surface. Strike off with the brush in one direction. Care must be taken not to spread the material too thin. When the material begins to drag, do not add any water, but dampen the surface again.

Aqua Base Seal CR 125 可采用刷涂或喷涂方式施工。混合后的材料应充分刷入基层表面。应采用单方向刷涂方式进行整理。施工时应注意不要将材料涂刷得过薄。如发现材料开始变干阻力加大，不要加水，可再次润湿基层。

Leave the first coat overnight to cure before applying the second coat. If the first coat is left for more than one day or if it is very dry, pre-soaking with clean water is needed before applying the second coat.

Under the proper ventilation conditions, the second coat can be brushed on after 4 hours, following a similar application method as the first layer. It's advisable to apply it perpendicular to the previous layer to ensure optimal bonding and coverage.

Under the same ventilation conditions, tiling over the waterproofing could start 4 hours after the application of the second layer.

第一遍涂层应养护一整晚以确保固化，然后再进行第二遍施工。如果第一遍放置超过一天或变得过于干燥，必须在施工第二遍之前用清水对表面进行充分预湿。

在良好的通风条件下，第二遍可以在4小时后进行刷涂，施工方法应与第一遍相同。建议将第二遍的刷涂方向与第一遍垂直，以确保最佳的附着力和覆盖效果。

在相同的通风条件下，第二遍防水层施工完成4小时后即可开始瓷砖铺贴作业。

PACKAGING | 包装规格

Aqua Base Seal CR 125 is available as 5 and 15 kg packs (5 kg polymer and 10 kg powder).

Aqua Base Seal CR 125 提供 5 千克和 15 千克包装（含 5 千克聚合物和 15 千克粉料）。

COVERAGE | 涂布率

Approximately 11.5 - 12.5 m² per 20 kg for one coat @ 1 mm thickness, depending on the condition of the surface and method of application.

每 20 千克产品涂覆一层（1 毫米厚度）可覆盖约 11.5 至 12.5 平方米，具体取决于基面的状况和施工方式。

FIRE | 防火性

Aqua Base Seal CR 125 is nonflammable.

Aqua Base Seal CR 125 为非易燃材料。

Aqua Base Seal CR 125 水基础密封 CR 125

Flexible acrylic cement modified waterproof coating

CAUTIONS | 注意事项

HEALTH AND SAFETY | 健康与安全

As Aqua Base Seal CR 125 contains Portland cement and sand, Aqua Base Seal CR 125 may cause irritation to skin or eyes. 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.

由于 Aqua Base Seal CR 125 含有波特兰水泥和沙子，可能会对皮肤或眼睛造成刺激。若不慎接触眼睛，请立即用大量清水冲洗至少 10 分钟，并寻求医疗建议。

更多信息请参考产品的安全技术说明书（MSDS）。

MORE FROM BASE CHEMICAL CONSTRUCTION PRODUCTS

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

BASE 生产多种建筑化学产品，包括：

- » Concrete admixtures. 混凝土外加剂
- » Surface treatments. 表面处理剂
- » Grouts and anchors. 灌浆料与锚固剂
- » Concrete repair. 混凝土修补材料
- » Flooring systems. 地坪系统
- » Protective coatings. 防护涂层
- » Sealants. 密封材料
- » Waterproofing. 防水系统
- » Adhesives. 胶粘剂
- » Tile adhesives and grouts. 瓷砖粘结剂与填缝剂
- » Building products. 建筑产品
- » Structural strengthening. 结构加固材料
- » Cool roof Technology. 凉屋顶技术

Base China Co.,Ltd

Shandong Liaocheng DongChangj,Dou 2,
Vi,Building 7,Unit2, Apartment2208China

山东聊城东樟宜斗2
中国2号楼2单元7号楼Vi, 2208



www.basechemicals.net
www.facebook.com/Base-chemical
Email: basechemical2@gmail.com
Help Line 0092 311 BASE427
10 am to 4pm (0092 311 7070427)