

TECHNICAL DATA SHEET FOR PRODUCT CODE R186 PROTECTiT COLOUR RESTORER

WHAT IT DOES

Colour Restorer forms a hard durable silane/siloxane resin network that chemically reacts with the substrate. This special design of different molecular weight polymers enables superior performance.

Colour Restorer is a stain resistant, water repellent, colour enhancer which improves the overall visual appearance of the substrate.

Can be used on Black Limestone, most Natural Stones, Brick, Concrete Paving, absorbent Marble and Granite.

BENEFITS

- Easy removal of stains
- Water repellent
- Colour Enhancement
- Overcoatable with itself
- One coat provides a Matte Finish

PRODUCT CHARACTERISTICS

Colour	Clear
Odour	Slight / Pleasant
Form	Liquid
Specific gravity @ 25°C	1.03
Application Temperatures	Min 10°C, max 20°C
Shelf life	24 month from date of manufacture in unopened container.
Coverage	up to 30m ² /ltr

BEFORE R186

AFTER R186



APPLICATION METHOD



SURFACE PREPARATION

- Ensure surface is clean, dry and free from any contaminants including dust, dirt, oil, grease, algae and efflorescence.
- Ensure all detergents have been removed. Cleaners applied in warmer weather leave detergent films. These can cause uneven application of sealers as well as dirt pick up from uneven drying.
- Not suitable if surfaces are honed, polished or have been treated previously with a silicone, polymer or stearate based water repellent.
- **Always test a small inconspicuous area before use to ensure surface compatibility, performance, finish and texture is acceptable, expose the test area to weather and foot traffic for 2 weeks (normal use) before proceeding to seal the whole area.**

CURING

Once an application has been applied do not walk or drive on the coated area for at least 4 hours after application. Allow product to cure for 24hrs before subjecting to heavy use – curing times can increase significantly in colder conditions.

Optimum performance is reached after 7 days @ 20°C.

APPLICATION

Use neat as supplied do not dilute. Shake well before use.

1. Ensure surface is thoroughly dry, clean and free from mould, algae and efflorescence before application.
2. If the pavers have been cleaned prior to application, all traces of the cleaner must be removed from the surface with a pressure washer as remaining cleaner could render the stone impermeable.
3. Ensure footwear is clean or wear protectors to avoid contamination.
4. Do not pour directly on to paving. **Apply** using a paint pad to one paver at a time, ensuring an even coat. Finish the application on the joint.
5. Mop up residue with a rag or lint free cloth **immediately** as you continue the application. Failure to do so will result in a slippery surface.
6. For more porous surfaces, repeat the procedure within 20 minutes of the first coat. **Ensure all excess product is removed or surface may become slippery when wet.**

IMPORTANT/LIMITATIONS

- Do not apply when ambient/surface temperature is below +10°C or above +20°C. As a guide ensure the surface or stone is cool to touch.
- Substrate temperature must not exceed 20°C during application
- **Do not use in wet weather or if rain is forecast within 4 hours of application.**
- Not suitable for non porous surfaces e.g. quarry tiles, engineering brick, polished or glazed stone and surfaces
- Keep pets away until surface is fully dry
- Do not apply in direct sunlight. In hot weather conditions apply early in the morning before surface temperature starts to rise.

Precautions in Use

For Health & Safety instructions, first aid measures, spillages and disposal instructions, see separate Health & Safety Data Sheet (MSDS)

FREQUENTLY ASKED QUESTIONS

If after two applications the surface is still not enhanced, may I apply more ?

Yes, but remove excess material from the surface with a clean soft cloth as you apply the product, **this must be tested on a small area before proceeding.**

Can Stone Reviver & Colour Enhancer be diluted prior to application ?

No, the product is ready to use and should not be diluted.

Can Stone Reviver & Colour Enhancer be used to seal grout ?

Yes. Ideally the grout should be untreated and cement-based, to ensure the best results. Previously treated cement-based grout should be first treated in a small discrete area to determine effectiveness and to ensure there is no discolouration to the joints. This product is not recommended for epoxy, polyurethane or pre-mixed, majestic-type grouts.

What level of water repellency can I expect ?

This all depends on the substrate that the Reviver and Enhancer is applied to and how many coats has been applied. It will take 7 days from the last coat to achieve full performance. This product is designed to give superior performance over and above other products.

Is the substrate still water repellent after the water beading has reduced ?

It is normal for the water beading to reduce after the first few weeks/months due to the excess sealer being worn/ weathered off the surface. The sealer below the surface of the stone or tile will still be active, there is no need to reapply the product.

If I have applied one coat to obtain a Matte Finish and wish to have a gloss finish can I add another coat days / weeks later ?

Yes - you can add further coats as long as the surface has been thoroughly cleaned first with a pH neutral cleaner / R27 ensuring free from dirt, grease, algae etc..., this must be tested on a small area before proceeding, depending on substrate gloss finish may be slippery when wet.

CLEANING OF EQUIPMENT

Remove as much product as possible from application equipment before cleaning. Clean tools and equipment immediately after use with white spirit.

MAINTENANCE

Surfaces should be maintained using non acid patio cleaner.

On darker surfaces clay soiling should be removed immediately otherwise it may cure and become difficult to remove, especially on hot days

FREQUENTLY ASKED QUESTIONS cont..

How long will the Matte or Gloss Finish last ?

This is dependant on a number of factors such as natural characteristics of the Stone / Tile, amount of sealer applied, location i.e. weather or foot flow etc...The product is designed for long term performance.

If I have a gloss finish, can I revert back to a Matte Finish ?

R26 should remove enough excess to reduce the finish. Caution should be used and product instructions should be followed as damage to the coating may occur if used incorrectly. This must be tested on a small area before proceeding or call our Technical Helpline.

Will the treatment make my floor slippy ?

Due to the number of different types of surfaces / textures along with varying application rates it is recommended that the customer tests the impact on a small inconspicuous area to ensure they are happy with the finished result. As this is a water repellent there will be surface beading initially which will reduce after a few weeks / months.

Why do I have residue visible on the surface ?

This could be due to too much product being applied and the excess not being completely wiped off or it has been applied to a substrate which has been treated previously using a different sealer. For mild residue this can be rectified using R26. If it is due to the substrate being previously treated with a different sealer or heavy residue it is recommended that this is removed using R186 Remover before re-applying the Stone Reviver and Colour Enhancer.

Why has the surface turned white ?

This could be due to the substrate being damp prior to applying the product or excess product being applied and the excess not being completely wiped off or it has been applied to a substrate which has been treated previously using a different sealer. For mild residue this can be rectified using Deep Cleaner to remove some of the product. If it is due to the substrate being previously treated with a different sealer or heavy residue it is recommended that this is removed using R186 Remover before re-applying the Stone Reviver and Colour Enhancer.

Why does the surface look patchy ?

Mainly due to being unevenly applied to the substrate or spread too thinly. If this is the case use Deep Cleaner to clean the surface, allow the surface to completely dry and re-apply the Stone Reviver & Colour Enhancer. If the substrate has been previously treated you will need to remove the coating first using a R186 Remover before proceeding with another application of the product.

The enhanced effect has faded / sealer effect has disappeared after cleaning what should I do ?

Only maintain sealed surfaces with pH neutral cleaners. Harsh cleaners such as acids, bleaches or steam cleaning may damage the effect / sealer. Once clean and dry apply another application of Stone Reviver & Colour Enhancer.