

Paving Guard

1 Product, 3 Uses!

UltraScape Paving Guard is a solvent free liquid sand stabiliser, surface sealant and chewing gum adhesion inhibitor. It is suitable for use on most paving types and in most commercial environments including town centres, public squares, pedestrianised areas, driveways and car parks. It is suitable for joint widths between 3 and 5mm.

The product is an acrylic polyurethane hybrid and as such provides for both a user-friendly application and an extremely robust and durable finish, normally only achieved with solvent stabilised products.

UltraScape Paving Guard provides an aesthetically pleasing low-sheen finish to treated areas and offers a less impactive finish than conventional solvent stabilised materials.

1. Sand Stabiliser

When used on flexibly constructed paved areas (sand bed and joints), UltraScape Paving Guard bonds the particles of jointing sand to one another preventing 'wash-out' during cleaning cycles, whilst maintaining the necessary degree of flexibility required for this construction type.

2. Surface Sealant

When applied to paving as a surface sealant, UltraScape Paving Guard forms a protective barrier to many common stain agents (oils, grease, foodstuffs etc.) and reduces the effects of such stains whilst also facilitating easier subsequent cleaning of treated areas.

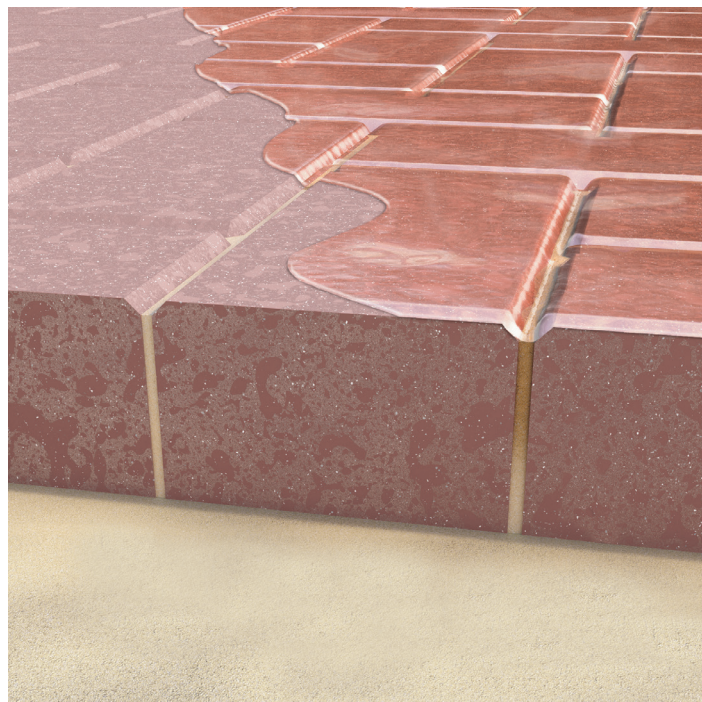
3. Chewing Gum Adhesion Inhibitor

UltraScape Paving Guard reduces the ability of chewing gum to adhere to the paving surface. The product will not prevent chewing gum from sticking altogether, which is generally not desirable due to the subsequent risk of carriage into shops and other internal areas. It is intended to facilitate easier removal during normal cleaning cycles.

Surface Preparation

Ideally UltraScape Paving Guard should be applied to newly laid paving; however it may be used on existing paved areas which have been suitably prepared. In all cases, paving should be clean, dry and free from loose dirt and detritus.

Where UltraScape Paving Guard is to be used sand stabilisation (on flexibly constructed paving), the paving should be thoroughly cleaned and old jointing sand removed. UltraScape Paving Guard will not be effective if applied to 'old' jointing sand. The cleaned joints should be left 'open' until completely dry (typically 12 hours at 20°C).



Features & Benefits

- Stabilises jointing sand
- Protects from staining
- Solvent free
- Acrylic PU hybrid
- Limits chewing gum adhesion
- Facilitates easier cleaning
- Non-flammable



UltraScape Paving Guard should only be applied in paving that is stable and where joints are filled to the full depth of the paving with fresh kiln dried sand. Ensure there are no voids or bridging of the new the sand. Failure to do this will be detrimental to the performance of Paving Guard.

Application

Application should only be undertaken when the forecast is dry. Once the paving and joints are completely dry, kiln dried jointing sand should be brushed into the joints, in accordance with the paving manufacturers' recommendations, and all surplus sand removed from the surface of the paving. Immediately after completing sanding, the application of UltraScape Paving Guard should commence.

UltraScape Paving Guard can be applied using a watering can with a fine rose attachment, a 'knapsack' sprayer or similar. Where used solely for its surface protection benefits (i.e. not for sand stabilisation) the product can be applied using a roller and tray.

Apply liberally to the paving to be treated, allowing around 10-15 seconds for the product to soak into the paving joints before removing surplus with a squeegee, builders' sponge or similar. Care should be taken not to disturb treated jointing sand. Where being used solely for surface treatment (not sand stabilisation) there is no requirement to allow the product to soak into the paving joints and surplus can be removed as the area is being treated.

Apply 2 coats. The second coat should not be applied for at least 2 hours and no later than 24 hours after the first coat has been applied.

Curing

UltraScape Paving Guard will be touch dry in approx. 2 hours, hard dry in approx. 5 hours and ready for use in approx. 24 hours (times correct in ambient conditions of 20°C and 60% relative humidity).

Foot traffic should not be allowed onto treated areas for a minimum of 5 hours after the last coat has been applied. Vehicular traffic should not be allowed onto treated areas for at least 24 hours.

Precautions

UltraScape Paving Guard should not be applied at temperatures below 5°C or when dew point is likely to be reached.

Drying times are affected by ambient and surface temperature.

Paving and paving joints that are to be treated must be completely dry and free from dirt, grease, loose debris and other detritus.

Only apply UltraScape Paving Guard when the weather forecast is suitable for installation and curing to take place.

When used on 3mm wide joints it must be ensured that the width is a minimum of 3mm and consistent throughout its width and depth. It must also be filled completely.

Notes

UltraScape Paving Guard may change the appearance of your paving or other treated areas. Any change in colour or appearance is likely to weather once subjected to normal use.

The product is suitable for use on most paving types including: sandstone, granite, concrete and clay but not on some materials.

It is important that a discreet trial is conducted and allowed to weather, ensuring suitability of the product, paving and aesthetic prior to commencing wholesale application.

We have a dedicated, complementary site support service to assist with product trials, toolbox talks and product demonstrations. We advise that this service is utilised to ensure product suitability, prior to undertaking product application.

Health, Safety and Environmental

Please ensure that appropriate PPE is used when preparing, mixing and applying products. Always wash hands before consuming food and make sure that materials are kept safely out of reach of children and animals. Please dispose of packaging and waste responsibly and in accordance with local authority requirements. A full material safety data sheet relating to this product is available from instarmac.co.uk

Quality Assurance

All products are manufactured in a plant whose quality management system is certified / registered as being in conformity with BS EN ISO 9001, ISO 14001 and OHSAS 18001. Our products are guaranteed against defective materials and manufacture and will be replaced or money refunded if the goods do not comply with our promotional literature. We cannot however accept responsibility arising from the application or use of our products because we have no direct or continuous control over where and how projects are used. All products are sold subject to our conditions of sales, copies of which may be obtained upon request.

Coverage

UltraScape Paving Guard can be used for both surface treatment and sand stabilisation applications, which will yield significantly different coverage rates. When using the product as a sand stabiliser, the size and frequency of joints will impact on the volume of product required.

A basic table illustrating the most common applications is shown below:

Product Use	Typical Coverage (up to)*
Sand Stabiliser	2m ² /litre
Surface Sealant	6m ² /litre
Chewing Gum Adhesion Inhibitor	6m ² /litre

*The above values are intended as a guide only and will be affected by such things as: application method, paving unit size, porosity of surface being treated etc.

Product Details

Storage	The product must be stored in temperatures above 5°C and not exceeding 30°C. Protect from frost.
Shelf Life	12 months in original unopened containers if stored in the conditions listed above.

Properties*	Value	Unit of Measurement
Solids Content	20	%
Viscosity at 25°C	60	mPa.s
pH Value	8-7	-

Other Properties	Method	
Colour	Translucent	-
Specific Gravity	1.01	-
Flash Point	>100	°C
Elongation at break	200	%
Abrasion (Taber)	150mg wt.	Wheel CS17/1000g 1000 revload)

*Depending on temperatures - test carried out at 20°C. Cool temperatures retard, warm temperatures accelerate product performance.
As with all raw materials, colour variation may occur. Please note that this does not affect the consistency or characteristics of the enclosed product.

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