

PARAGUARD

LOTUS LEAF EFFECT, FULLY BREATHABLE,
WATER & STAIN REPELLENT

PAREX

A SIKA COMPANY



DESCRIPTION

PARAGUARD is a water based coating, which provides a weatherproof, lotus leaf effect, water resistant surface to a range of render, paving, masonry and timber substrates. PARAGUARD is safe to the environment and to those using it. The product may be applied by brush, lambswool roller or airless spray gun* followed by lambswool roller to achieve a non-staining, clear, natural coating which is easily cleaned. Subject to the type of substrate applied to, the product offers resistance to the following; water, dirt, oil, grease, atmospheric pollutants and vehicle fumes. PARAGUARD is pre-packaged and ready for on-site use. The product is non-sacrificial, so once cleaned, will not need to be re-coated.

Aesthetically, the exterior remains cleaner as dirt merely runs off the surface whenever water hits the facade.

PARAGUARD finish is specially formulated with exceptional hydrophobic properties. Buildings specified with PARAGUARD finish are cleaned time and time again with natural rain water. As water hits the surface, it simply beads off the exterior and takes any dirt, grime or soil in its path with it. Imagine the reduced maintenance costs PARAGUARD can provide. The hydrophobic qualities also make the surface more resistant to mould, algae and mildew. Overall, buildings will remain cleaner and dryer.

* Always use appropriate protective eyewear and face mask.

BENEFITS

- Protects facades with non-film forming coating.
- Does not alter surface appearance.
- Excellent penetration.
- Long lasting protection.
- Water-based with zero VOC's.
- Improved protection against mould and mildew.
- Can be used on damp substrates.
- UV and weather resistant.

SUITABLE APPLICATIONS

PARAGUARD is ideal for horizontal and vertical surfaces on new construction, retrofit and refinish projects, over Parex External Insulation Facades, render, masonry, timber or concrete substrates.

PARAGUARD is ideal for protecting facades or surfaces that are located near the coast, situated in highly exposed locations or where the wind driven index ratings are 'Severe' or 'Very Severe'.

QUALITY ASSURANCE

Parex Limited has an integrated management system.

This is externally accredited to:
BS EN ISO 9001, BS EN ISO 14001,
BS ISO 45001 & BES 6001.

VAPOUR PERMEABILITY

PARAGUARD does not create a vapour barrier and allows the building to breathe and assists in keeping the substrate dry from rain and moisture.

PARAGUARD allows moisture inside the building to escape into the atmosphere in a controlled way.

TECHNICAL CHARACTERISTICS

Water Absorption – low - $<0.1\text{kg}/(\text{m}^2\text{h}^{0.5})$
Water Vapour Diffusion – high - $>150\text{g}/(\text{m}^2\text{d})$
PARAGUARD is non-flammable

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INSTRUCTIONS FOR USE

PREPARATION

All contact surfaces must be sound, clean and dry. Remove all loose material, paint, plaster and oily deposits. Subject to application, protect adjacent surfaces, plants, pathways, walls etc. from splashes. Remove all splashes immediately with clean water.

MIXING

Product is ready to use. However, if the product is stored for a long period of time, it may need to be stirred or shaken.

PLACING

Apply at temperatures between 5°C and 25°C. Work in the shade and avoid applying to walls that have just received direct sunlight or are still warm as the PARAGUARD will dry too quickly before subsequent coats can be applied.

CURING

Typical curing times at 20°C

Touch dry: 1-2 Hours (Depending on the substrate and temperature)

Surface dry: 6 Hours (Depending on the substrate and temperature)

Overcoat: Wet on wet (30 mins)

APPLICATION

Application for Water Repellency

Subject to substrate porosity, PARAGUARD is applied to the surface in two or more flood coats (the surface must become fully saturated with PARAGUARD), either by paint brush, lambswool roller or airless spray gun followed immediately by the use of a lambswool or paint brush, working the product well into the substrate, ensuring all areas are fully coated. Make sure that applications commence from the bottom of the work area and continue vertically up the substrate, brushing in any runs as you go with a suitable painter's brush. Ensure a single elevation is completed in a single application otherwise uneven coverage may occur. Subsequent coats must be applied before the previous coating has dried i.e. wet on wet within 30 minutes of the first application. If substrate starts to dry quickly then there isn't enough PARAGUARD present and more should be applied immediately. For surfaces that are located near the coast, situated in highly exposed locations or where the wind driven rain index ratings are 'Severe' or 'Very Severe', always apply a third flood coat. Avoid streaking of the products and ensure you take note of the recommended 'Preparation' above and 'Precautions' below.

Application for Pavements and Walkways

PARAGUARD is to be applied to the surface in 1 - 2 flood coats, depending on the porosity of the surface. Make sure that you work from one side to the other to ensure an even coverage is provided throughout. If the substrate starts to dry quickly then there isn't enough PARAGUARD present and more should be applied immediately.

CONSUMPTION

This information is provided as guidance only, excludes wastage and will vary subject to the application and substrate. Due to surface density, some masonry and render substrates and other high absorption substrates may have higher consumption rates.

SUBSTRATE

WATER REPELLENCY - Based upon a single coat application

Sandstone:	5m ² /Ltr
Brickwork:	5m ² /Ltr
Concrete:	5m ² /Ltr
Concrete blocks:	3m ² /Ltr
Reconstructed Stone:	3m ² /Ltr
Granite:	15m ² /Ltr
Marble:	13m ² /Ltr
Terrazzo:	8m ² /Ltr
Engineering bricks:	8m ² /Ltr
Polished concrete:	8m ² /Ltr
Render:	5m ² /Ltr

PRECAUTIONS

- Wear suitable protective equipment e.g. gloves, eye and face protection etc.
- Shake well before use.
- Store product in frost-free conditions. If product is accidentally frozen, place at +20°C and after several hours, shake well to ensure even distribution.
- If spraying always use appropriate protective eyewear and face mask and if using internally always ventilate the room.
- Protect adjacent surfaces from splashes. Remove all splashes immediately with clean water.
- Consult safety datasheet.



PACKAGING

PARAGUARD is available in
5 litre container.
25 litre container.
1000 litre IBC's.

STORAGE AND SHELF LIFE

PARAGUARD has a shelf life of 12 months, unopened, when kept in dry conditions at a temperature between 5°C and 25°C. Storage at higher temperatures and high humidity may reduce shelf life.

HEALTH AND SAFETY

PARAGUARD is a water based product. Wear suitable protective clothing, gloves and eye / face protection. Keep out of the reach of children. Read and follow the guidelines in the Health and Safety data sheet for this product.

TECHNICAL ASSISTANCE

PAREX will, on request, provide information and assistance to companies in relation to the use of a specific product.

Such assistance shall not be associated with structural and design conception, nor assume or accept liability for compliance of substrates, nor compliance to instructions provided.

Technical Information

01827 711755

Download the technical datasheet and consult the health and safety document on:
www.parex.co.uk