

Seire

PROBITANO R20

Special PU paint for outdoor use

Easy application.

Excellent adhesion on concrete and metal.

Impermeable to liquid water and water vapour.

Hygienic and easy to clean.

For satin finishes.

High chemical and mechanical resistance.

Resistant to abrasion.

Resistant to UV radiation.

For indoor and outdoor use.

Vertical and horizontal application.



SEIRE PRODUCTS, S.L.

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Product description:

PROBITANO R20 is a two-component, coloured polyurethane coating, which gives coated surfaces waterproofing, ease of cleaning and high mechanical and chemical performance, as well as providing for easy maintenance. High UV radiation resistance makes it particularly suitable for outdoor applications.

High adhesion and anti-dust properties provided by excellent penetration into the substrate.

After hardening, PROBITANO R20 is waterproof, resistant to chemical agents, frost and weathering.

Applications:

- Protection and decoration of flooring in garages, warehouses, light industry and other surfaces exposed to light vehicle and pedestrian traffic, such as showrooms.
- Coating for pharmaceutical, food and chemical industries.
- Finishing coat for industrial flooring.
- Indoor and outdoor use
- Applicable on mineral and metallic substrate
- Top coat of anti-slip flooring, prior to dusting with sand
- General public works renovation

Substrate Preparation:

The substrate should be slightly rough, dry, hard, solid and free of dust and other loose particles such as paint, release agents, lime residues, mortar, plaster, adhesive residues, etc., which may impair adhesion to the substrate.

Remove all traces of varnish, waxes, fats, oils and similar contaminants prior to mechanical preparation. Mechanically treat any concrete surfaces which are contaminated, using sanding or diamond tools, and then vacuum.

Properly treat and seal all joints or gaps in the concrete substrate where differential movement is expected (for example expansion joints).

The substrate must have a tensile strength greater than 1.5 N/mm².

When applied on metal surfaces, sandblast for cleaning/preparation.

Mixture:

Stir the individual components of PROBITANO R20 before mixing. Thoroughly mix the two components with a mixer at low speed for a minimum of 3 minutes.

Part of the mixture can be reintroduced into the hardener container to gather up residues remaining in the container. The mixture which has been reintroduced into the hardener container can be returned to the mixing container and stirred for a further 30 seconds. This mixing process ensures the product's consistency and that any residual resin remaining in the containers reacts, facilitating subsequent management of residues.

After the two components are mixed, 1kg of PROBITANO R20 will remain workable for 30 minutes at temperatures between 18°C and 20°C.

Recommendations:

After mixing the two components of PROBITANO R20, use immediately.

The material means does not get hot as it approaches the end of its pot life, which is signalled by a slight increase in viscosity.

Note that higher temperatures shorten time of use and lower temperatures lengthen it.

Limitations:

Do not use PROBITANO R20 where ambient and/or substrate temperatures are less than 10°C or less than 3°C above the dew point.

Do not use where ambient and/or substrate temperatures exceed 30°C or where ambient humidity exceeds 85%.

If Pot-Life is exceeded the mixed product loses its characteristics and should be disposed of.

All SEIRE products are manufactured subject to rigorous quality controls and procedures; however, if strict colour consistency is required, you are advised to use products taken from the same lot.

Method of application:

After mixing components A and B, apply directly to the substrate using a short nap roller, brush or air-less. Ensure the entire surface is completely painted and that the product has not formed pools.

The second layer should be applied as soon as the first is sufficiently cured.

The curing time varies depending on environmental conditions.

Do not allow more than 8 hours (at 20°C) to elapse between coats.

If 48 hours elapse, sanding will be required.

Ensure proper ventilation during application and curing, especially in confined spaces such as tanks, etc.

Do not add solvent or thinners at any stage.

Consumption:

Approximate consumption of PROBITANO R20 is from 0.2 to 0.35 kg/m² per coat according to substrate's roughness.

Tool cleaning:

PROBITANO R20 can be cleaned from tools and equipment immediately after use using a solvent such as ARDEX RTC. If the product is allowed to harden, it will have to be removed mechanically.

Residues/spillages:

Any spillage from any of the products must be removed immediately with sand, vermiculite or other inert material and collected in a suitable container for proper handling and treatment.

Residues from spillage and empty containers must be dealt with in accordance with local regulations.

See product safety sheet for further information.

Storage:

PROBITANO R20 can be stored for up to 12 months in its original unopened packaging. The product should be stored in a dry place between 5°C and 30°C. Keep away from frost, direct sunlight and sources of heat.

Precautions:

Causes irritation to eyes and skin, depending on sensitivity. Hazardous to health if ingested.

May cause burns in case of prolonged exposure. Avoid contact with eyes and skin. In case of contact with eyes, rinse immediately with plenty of clean water and consult a doctor.

Safety goggles and gloves must be worn at all times while the product is being mixed and when applying the product.

If applying indoors, ensure that the site is well ventilated. After drying, the product is physiologically and ecologically neutral.

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Technical data

(based on tests conducted in our laboratory according to current regulations)

Mixing ratio:	As indicated on packaging.
Density:	Approx. 1.5kg /l
Yield:	0.2-0.35 kg/m ² per coat, according to substrate roughness.
Workability time (20°C):	Approx. 30 minutes.
Dry to touch (25°C):	Approx. 5 hours.
Complete cure (20°C):	7 days.
Packaging:	Kits of 10kg and 20kg net (A+B).
Storage:	Approx. 12 months in a dry place and in original unopened packaging.

Seire takes responsibility for the quality of its products. The application recommendations given are based on tests and practical experience.

We will not be held responsible for the product or its application in case of any dosage or application other than as described and recommended. For any questions about this product, please contact our Technical Department. This data sheet remains valid until a new edition is issued.

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