

Seire

PROBITANO R20

Aliphatic PU paint especially suitable for outdoors

Easy to apply

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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Aliphatic PU paint especially suitable for outdoors

Product description:

PROBITANO R20 is a two-component, solvent-based aliphatic coloured polyurethane coating, which, thanks to its excellent penetration into the substrate and high adhesion, provides coated surfaces waterproofing, easy of cleaning and high mechanical and chemical performance, as well as easy maintenance.

High UV radiation resistance makes it particularly suitable for outdoor applications.

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

Field of application:

- Protection 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 sand dusted anti-slip flooring.
- General public works renovation

Substrate Preparation:

The substrate must have a tensile strength of more than 1.5 N/mm², must be dry (residual humidity less than 4%), hard, sound and free of laitance, grease, oils, waxes, dust or other loose particles such as paint, release agents, limescale, mortar, plaster, adhesive residues, etc., which may impair adhesion:

Prepare the substrate using specialist machinery shot blasting or diamond tools depending on the state of the substrate. Vacuum the substrate.

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

When applied on metal surfaces, sandblasting should be used for cleaning/preparation up to Sa2½ grade. A final clean is recommended with a suitable solvent. Ensure solvent is completely dried off before applying PROBITANO R20.

Mixture:

Stir the liquid components of PROBITANO R20 before mixing.

Pour the contents of component B into the container of component A and mix the two components thoroughly with a stirrer at low revolutions for a minimum of 3 minutes.

Part of the mixture can be put back into the container of component B to gather up residues remaining in the container. The mixture which has been put back into the container of component B can then 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.

It is not advisable to carry out partial mixtures by volume.

After mixing both components, 1Kg of PROBITANO R20, will remain workable for 30 minutes at temperatures between 18°C and 20°C.

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

Recommendations:

After mixing the two components of PROBITANO R20 use immediately. The material does not heat up towards the end of its pot life. End of pot life is indicated by an increase in viscosity. Note that higher temperatures shorten time of use and lower temperatures lengthen it.

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.

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%.

Method of application:

After mixing components A and B, apply directly to the substrate using a short nap roller or brush.

When necessary, it can be applied with an Airless gun 200 bars with a 417 nozzle and a 50-netting filter.

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.

Allow the product to dry at least 8 hours (at 20°C) 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:

Approx. 200-250 g/m² per coat according to substrate's roughness.

Cleaning of tools and equipment:

PROBITANO R20 can be cleaned immediately after use with 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 components 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:

Flammable liquids and vapours. May cause allergic reaction. It causes severe eye irritation.

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 always be worn while the product is being mixed and during application.

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

See product safety sheet for further information.


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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
Consumption:	200-250 g/m ² per coat
Workability time (20°C):	Approx. 30 minutes
Recoatable (25°C):	Approx. 8 hours
Chemical resistance:	After 7 days
Packaging:	Kits of 20kg
Storage:	Approx. 12 months in a dry place and in original unopened packaging

	
SEIRE PRODUCTS SL. C/ Los Muchos P.I. Albolleque Sector III 19160 Chiloeches- Guadalajara 17	
8001458 EN 13813 PROBITANO R 20 Synthetic resin for flooring EN 13813:SR-IR14-B2.0-AR 0.5	
Emission of Corrosive Substances:	SR
Impact resistance:	IR 14
Abrasion resistance BCA:	AR 0.5
Tensile adhesion strength:	B 2.0
Reaction to fire:	Bfl-s1

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.

Seire will not be held responsible for the content of technical data posted on websites other than the official Seire website (www.seire.net).

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