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TECHNICAL DATA SHEET

SAND BEACH RESIN

PRODUCT

SANDY BEACH swimming pools are built with materials of **100 % natural appearance**, achieving an effect truly similar to **having a beach at home**. With a base of waterproofed **reinforced shotcrete (gunite)**, they are then finished with a highly weather-resistant **sand** coating, bonded to the concrete substrate, which gives the visual appearance of beach sand and is, in addition, highly non-slip both dry and wet.



USES

Used as a coating for swimming pools.

COMPOSITION

SANDY BEACH is a conglomerate of different organic resins and quartz aggregate.

SUBSTRATES

The sand coating can be applied on concrete (whether new or old construction, provided the walls and floors are sound).

WORKING CHARACTERISTICS

Chemical:

- Unaffected by marine atmospheres.
- Unaffected by acid rain (sulfurous vapors).
- Resistant to carbon pollution.
- Withstands diluted alkaline and acid solutions.

Physical:

- Resistant to ultraviolet radiation.
- Retains its properties at the extreme temperatures of our climates (-30 °C to +60 °C).
- Non-flammable in paste state. Simple flameless combustion in dry state at 350 °C.
- Once dry on the substrate, it is waterproof to washing and rain.
- Systematically seals pores and capillary microcracks.
- Absolutely odorless once polymerized.

Performance:

Application thickness:	3-5 mm in one coat
Touch-dry:	6-7 h
Full hardening time:	16-17 h
Paste density:	1,700 kg/l
Drying shrinkage:	4.50 mm/m
Capillary water absorption:	0.04 kg/(m^2·min$^{0.5}$)
Adhesion:	2.00 N/mm^2
Reaction to fire:	Non-combustible

- Unaffected by marine atmospheres.
- Unaffected by acid rain.
- Unaffected by carbon pollution.
- Absolutely odorless once polymerized.

APPLICATION EQUIPMENT

Working containers must be made of plastic.

Tools (trowels) must be made of plastic and stainless steel.

APPEARANCE

Simple beauty suited to current aesthetic trends.

This information reflects the current state of our knowledge and provides information about our products and their possible applications. Its purpose is therefore not to guarantee specific properties of the products or their suitability for a particular application. Any existing industrial property rights must be respected. Quality control parameters will be detailed in the specification sheet of each product.

SATINESTONE - Carabona Industrial Estate - C/ Coure No. 16, 18 and 20 - 12530 Burriana - Castellón – SPAIN Tel. +34 692 100 100 / +34 969 100 100 Email: info@satine.es

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APPLICATION

Coating

On the concrete substrate or whatever base is available, carry out the following application:

1st If the substrate is not in suitable condition and must be corrected, apply PLASTIC XXL + RESINA PRESS mortar (25 kg + 4 l of Resina Press + 4 l of water); the application thickness will always be the one the aggregate allows.

2nd If the substrate is in perfect condition and does not need correcting, apply a primer coat of SELLADOR BV, which acts as a sealer and vapor barrier: apply two undiluted coats with a roller and allow to dry until crystallized (at least 24 h between coats). Broadcast CUARZO BV 0.6 by hand onto the second coat of SELLADOR BV to provide grip for the SAND BEACH application.

3rd Apply SAND BEACH, quartz aggregate in white or sand color, mixed with SAND SOLVENT RESIN: component A (aggregate) 25 kg + component B (resin) 1.75 l ± 7 % of the weight of the aggregate.

4th Once the surface is dry, sand it with 240-grit sandpaper.

5th If considered appropriate, apply a coat of SAND SOLVENT RESIN UV with a roller, covering the entire surface (a generous coat).

IMPORTANT:
DO NOT FILL THE POOL UNTIL AT LEAST 20 DAYS HAVE PASSED.

Cleaning of tools:

Tools must be cleaned with OLEOSTONE, a product specially designed to leave them in perfect working condition.

Applications:

- Surface fixative and bulk binder for bonding crushed aggregates.
- Water-permeable.
- Prevents standing water.
- Maintenance-free.

Working characteristics:

Application temperature (measured on the pavement):	5-30 °C
Thickness:	Between 6 and 8 mm
Total drying:	24 hours (3 cm / 20 °C)
Time until put into service:	> 20 days

These times may vary depending on the ambient temperature and the thickness.

REMARKS

- Does not yellow.
- Do not add water or any admixture to the mix.
- Treat critical areas (cracks) with the appropriate mesh.
- Drying time will vary depending on the prevailing temperature and humidity.
- Do not apply if there is a risk of rain, frost, significant temperature changes, direct sunlight or strong wind...
- Always have tarpaulins on hand so that, in an emergency (rain, ice, extreme temperatures...), the pavement can be protected and prevented from losing its performance.
- On existing concrete base: consult us.

COVERAGE

- SELLADOR BV: 1 l per 10-15 m^2 depending on porosity (two coats recommended).
- CUARZO BV 0.6: 1 bag per 100 m^2. Max. 1 bag per 50 m^2.
- PLASTIC XXL: 1.5 kg/m^2/mm in a single coat.
- SAND BEACH: approx. 1.5 kg/m^2/mm; recommended thickness, minimum 3 mm (component A).
- SAND SOLVENT RESIN UV: 7 % of the weight of the aggregate (component B).

COLORS

White and sand.

STORAGE

12 months from the date of manufacture, in original closed packaging, protected from the weather and humidity.

SPECIAL PRECAUTIONS

This product contains cement. Avoid contact with eyes and skin, as well as inhalation of dust. Wear **rubber gloves and protective goggles**. Keep out of the reach of children.

Do not apply the product at ambient temperatures **below 5 °C or above 30 °C**.

Empty containers must be disposed of in accordance with current legislation.

PACKAGING

SELLADOR BV: A+B pack, 2.5+1.5 kg.

CUARZO BV 0.6: 25 kg bag.

PLASTIC XXL: 25 kg bag.

SAND BEACH COMPONENT A (aggregate): 25 kg bag, for the white and sand aggregate.

SAND SOLVENT RESIN, COMPONENT B (resin): 5 kg containers.

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