



Pool & Floor Paints

SWAN PREMIUM FLOOR PAINT

Technical Data Sheet

Reviewed: 06.08.2019



DESCRIPTION

PREMIUM FLOOR PAINT is a high performance 2 component acrylic – urethane paint for concrete floors. It has excellent adhesion properties, hardness and strong resistance to abrasion and mechanical wear. It is highly resistant to chemicals, solvents, refinery products and caustic liquids. Its special acrylic – urethane technology guarantees a durable, long-lasting finish.

ADVANTAGES

- Excellent adhesion properties and hardness
- Excellent abrasion and mechanical wear resistance
- Excellent durability to water and seawater
- Excellent resistance to chemicals, solvents, refinery products and caustic liquids
- Guarantees a durable, long-lasting finish.

APPLICATIONS

- Suitable for painting concrete floors of factories, warehouses, garages and generally of any surface exposed to everyday wear from abrasion and chemicals.
- Suitable for application on concrete, screeds, stone, metallic and wooden surfaces.

INSTRUCTIONS FOR USE

Surface preparation

1. Surfaces should be dry and clean from dust and any oily residues. Dust, oil, humidity or rust, seriously affect the coating's adhesion.
2. Loose substrates of concrete and screeds are not suitable for painting as the coat will peel.
3. New surfaces of concrete or cement mortar should be painted one month after construction.
4. Surfaces already painted must be completely cleaned with chemical or mechanical means and sanded to a smooth finish.
5. The wet surface must be allowed to dry for at least 3 – 5 days prior to the paint application.

Priming

Prime surfaces with EPOXITE DUR primer.

Application

1. Components A (resin) and B (hardener) are already packed in separate containers with a preset mixing ratio. Any modification of the mixing ratio will result in improper polymerization of the mixture.
2. Mix the 2 components after careful mix of each component separately.
3. Stirring is done carefully for 3-5 minutes taking care to ensure thorough mixing of the two components on the walls and the bottom of the pail.
4. Imperfect mixing will result in uneven curing of the coating with parts that will not cure at all.
 5. After mixing of the two components allow 10 – 15 minutes and then apply the coating as is or diluted up to 5% with polyurethane solvent.
6. Application is done with a brush, roller or spray gun in two or three coats.
7. The paint obtains its final properties 7 - 10 days after the application of the finishing coat.

REMARKS

- **PREMIUM FLOOR PAINT** contains solvents and during application good ventilation of the space should be ensured.
- It is advisable the use of protective clothing, gloves and mask with filter suitable for solvents.
- The coated surface should be protected from humidity for 36 - 48 hours.
- Should recoating be carried out after 15 days, the surface must be sanded with coarse sandpaper and dust must be removed.
- Curing as well as pot – life are affected by ambient temperature and humidity. Low temperatures and high humidity tend to increase pot – life while high temperatures and low humidity shorten the pot life.
- Before using **PREMIUM FLOOR PAINT** read carefully all instructions and information relevant to its safe and best use.
- Treatments such as sanding, welding, burning off, etc. of paint films may generate hazardous dust and/or fumes. Work in well ventilated areas. Use suitable personal (respiratory) protective equipment, as necessary

LEAD STATEMENT

WARNING: Treatment of old surfaces such as dry sanding, flame cutting and/or welding of the dry paint film will give rise to dust and/or hazardous fumes. Lead dust may be released. Lead is toxic. Exposure to lead dust can cause serious illness. Wet sanding/flattening should be used wherever possible. If exposure cannot be avoided by the provision of local exhaust ventilation, suitable respiratory protective equipment should be used.

CLEANING

Clean tools with nitro or polyurethane solvent.

COVERAGE

7 - 10 m²/ Lt per layer on properly treated surfaces

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TECHNICAL CHARACTERISTICS

Base: Acrylic polyurethane

Color: Gray and other colors to order

Specific Gravity: $1,19 \pm 0,2 \text{ gr/cm}^3 \text{ } 25^\circ\text{C}$

Viscosity: 2000-3000 cps 25°C

Mixing Ratio (A+B): 4:1 by weight

Thinning: 5 – 10% with polyurethane solvent

Traffic at 20°C : after 24 h

Recoating (2nd): After 24 – 48 hours at 20°C

Maximum strength: After 10 days at 20°C

Open Time: 3 hours at 20°C , after thorough mixing

VOC (Volatile Organic Compounds) EU limit value for this product (cat. A/j): 500 gr/Lt (2010). This product (A+B mix) contains max 498 gr/Lt VOC

STORAGE

Products should be stored in a dry and cool place at a temperature of 5°C - 35°C , away from sources of ignition. Protect from humidity and direct sunlight.

SHELF LIFE

At least 12 months from the production date in the above mentioned storage conditions. The product should remain in the original unopened packaging bearing the manufacturer's batch number.

PACKAGING

Gray, sets 3 kg & 12,5kg and other colors upon request

PACKAGING	CODE	BARCODE
Gray SET 3kg	01863	5204094018551
Gray SET 12,5kg	01864	5204094018568

HEALTH AND SAFETY INFORMATION

Component A



Eye Irrit. 2: H319 - Causes serious eye irritation Flam. Liq. 3: H226 - Flammable liquid and vapour Skin Irrit. 2: H315 - Causes skin irritation P101: If medical advice is needed, have product container or label at hand P102: Keep out of reach of children P210: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking P264: Wash thoroughly after handling P280: Wear protective gloves/protective clothing/eye protection/face protection P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing P370+P378: In case of fire: Use ABC powder extinguisher to extinguish. P501: Dispose of contents/container according to the separated collection system used in your municipality

Component B



Acute Tox. 4: H312+H332 - Harmful in contact with skin or if inhaled Flam. Liq. 3: H226 - Flammable liquid and vapour Skin Irrit. 2: H315 - Causes skin irritation Skin Sens. 1: H317 - May cause an allergic skin reaction STOT SE 3: H335 - May cause respiratory irritation P101: If medical advice is needed, have product container or label at hand P102: Keep out of reach of children P210: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking P264: Wash thoroughly after handling P280: Wear protective gloves/protective clothing/eye protection/face protection P304+P340: IF INHALED: Remove person to fresh air and keep comfortable for breathing P370+P378: In case of fire: Use ABC powder extinguisher to extinguish. P501: Dispose of contents and / or their container according to the separated collection system used in your municipality EUH204: Contains isocyanates. May produce an allergic reaction. Substances that contribute to the classification: Hexamethylene diisocyanate, oligomers; Xylene; Hexamethylene diisocyanate

The directives contained in this technical data sheet are the result of our long experience from real life applications and the research testing of our research and development laboratory and have been submitted in good faith. Because of the diversity of the materials and substrates and the great number of possible applications, which are beyond our control, we cannot accept any responsibility for the results obtained. In every case it is recommended to carry out preliminary experiments. We are liable only for our products for being free from faults and of consistent quality. Users are responsible for complying with local legislation and for obtaining any required approvals or authorizations. The present edition of this technical datasheet automatically cancels any previous ones concerning the same product.



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