



Ferrosport 911

ACRYLIC-POLYURETHANE HYBRID SPORT FLOOR PAINT



Ferrosport 911 is a sports paint rubber type acrylic-polyurethane hybrid flexible, weather resistance, sunlight and trampling there is a primer layer sprinkled with quartz sand to help reduce slippage, colourful. Suitable for apply coatings on concrete surfaces of general outdoor sports courts such as futsal court, tennis court, jogging walkway, basketball court etc.

Advantages

- Flexible, cover hairline cracks of concrete.
- Weather resistance.
- Trampling resistance.
- Colourful.
- Easy to install.

Area of use

- Bicycle lane.
- Futsal court.
- Tennis court.
- Basketball court.
- Walkway outdoor.
- Multi-purpose activity area outdoor.

Physical properties

Properties	Value
General appearance	Liquid
Colour	White, light gray, dark gray, light blue, medium blue, dark blue, green, dark green, yellow, orange, red
Touch dry 30 °C, hour (Approx.)	8-12 hours
Walkable 30 °C, hour (Approx.)	24-48 hours
Chemical full cure 30 °C, day (Approx.)	7 days

Method statement

Ferrosport 911

Step 1 Surface Preparation

- Concrete surface and asphalt surface must be clean, oil free, dust, grease, dirt stain and weak cement stain.
- Should be spray dry mortar stain (Laitance) with a high-pressure cleaner of 250 bar more or polishing with a stone polishing machine. Polishing to a strong concrete surface by being careful not to scratch surface so that paint is not as beautiful as it should be.
- Cracks from subsidence of soil layer should be spray repair with low viscosity epoxy resin injection (Ferrorez 717).
- Non moving crack should be expanded to a size 5x5 mm. cover with epoxy mortar (Ferrorez 711).
- Corroded concrete that expansion joints should be injected with polyurethane sealant (Ferroseal 314).
- Waterlogging should be repair with mortar mixing bonding agent (Ferrobond 111).

Step 2 Primer

Concrete surface.

Concrete surface through surface preparation give mixing primer Ferrosport 911/P is a 2 component primer, package 8 kg./set (A+B) mixing part A = 5 kg. and part B = 3 kg. Spinning with a low speed drill 300-600 rpm. for 1 minute mixing clean water amount 10 kg. Spinning for 30 seconds Then should be apply with a roller over the area within 30-45 minutes and sprinkle Ferrosand 03 onto a primer that is still wet and leave dry 24 hours.

Step 3 Topcoat

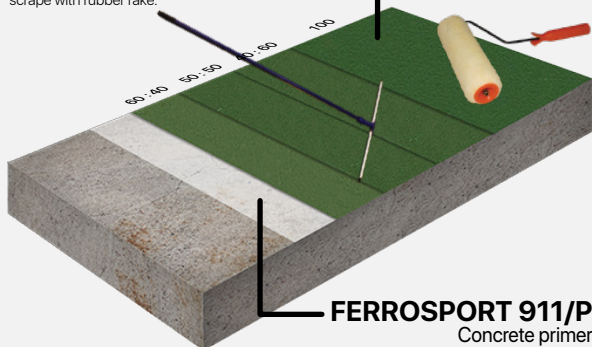
Before apply on top must be scrub wrinkles to be rubber rake of smooth with use grinding wheel or sandpaper then mixing Ferrosport 911 (1 component) 20 kg./pail with quartz sand (Ferrosand 03) amount 20 kg. Stirring lightly with a low speed drill 100-300 rpm. for approx. 1 minute then add clean water approx. 5-10% apply with general paint roller and leave dry 24 hours.



Section

FERROSAND 03 : FERROSPORT 911

Sand : Acrylic-Polyurethane hybrid
Add water 5-10% by weight and
scrape with rubber rake.



FERROSPORT 911/P
Concrete primer

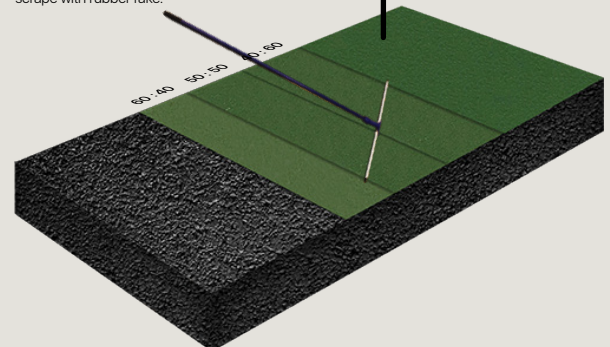
Apply primer Ferrosport 911/P
leave dry 24 hours.

Concrete

Good adhesion on concrete surface.

FERROSAND 03 : FERROSPORT 911

Sand : Acrylic-Polyurethane hybrid
Add water 5-10% by weight and
scrape with rubber rake.



Asphalt

Good adhesion on asphalt surface.

Installation table

Concrete			Asphalt		
Layer	Ferrosand 03	Ferrosport 911	Layer	Ferrosand 03	Ferrosport 911
Primer	Ferrosport 911/P		Primer	Do not use primer	
1	60	40	1	60	40
2	50	50	2	50	50
3	40	60	3	40	60
4	-	100 (Not mixing sand)	4	-	100 (Not mixing sand)

Limitations/Cautions

- Do not apply Ferrosport 911 if there is a risk of rain.
- Should be apply in light sun, morning and evening.
- Should be only be install by a manufacturer-trained installer.
- Do not wash surface. Ferrosport 911 with a high-pressure washer.
- Should fix the drain on floor to have as little waterlogging as possible before apply coating with Ferrosport 911 to extend the service life. Due Ferrosport 911 is intended to be a flexible colour, economical type do not absorb shock suitable for general purpose and do not tolerate waterlogging for a long time and only conceals hairline cracks.
- Should be leveling with self-leveling mortar for waterproof coating Ferrocrete 217.

Technical support

Customers can contact the sales department of the company at sale@ferroproduct.co.th to inquire about product usage methods. Furthermore they can also request information or organize the following activities :

1. Request for the latest updated data sheet.
2. Request for the sale conditions document and the product price list.
3. Schedule a technical staff visit to demonstrate the products at the customer's job site by filling out the "Demonstration request form" prior to the product purchase.
4. Schedule a technical staff visit to provide product usage training to the customer's workers at the job site by filling out the "Worker training request form".
5. Schedule training for the customer's foreman at the company's training center (Ferro training center) by filling out the (Foreman training request form).

Coverage

Products	Package	Coverage	Storage
Ferrosport 911 (Topcoat)	20 kg./pail	0.3-0.5 kg./m ² /apply 1 time Should be apply at least 2 times	1 year in the shade
Ferrosand 03 (Primer sprinkled sand)	20 kg./pail	0.25-0.4 kg./m ² to sprinkle the non-slip performance.	Permanent
Ferrosport 911/P (A+B) (Concrete primer)	8 kg./set	When mixing with water 10 kg. and can be done at rate 0.3-0.5 kg./m ² /apply 1 time Should be apply at least 2 times if the concrete surface is very absorbed.	1 year in the shade

Package

4 kg./pail
20 kg./pail

Cleaning tools

Should be wash mixing tool with water immediately before the sport floor paint dry.
Dry cases should be extracted with mechanical force.

Storage

- 1 year in unopened pail.
- Keep in dry shaded area with 23 °C temperature + 2%, Humidity 50 + 5%RH (Conform to ISO 554)



Health and safety instructions

- May cause health effect :
- Eye : May cause eye irritation.
- Skin : May cause skin irritation.
- Ingestion : May cause vomiting or nausea if swallowed.
- Inhalation : No serious effect.
- Inhalation : Move to fresh air, oxygen support if necessary. In case of breathing difficulty is occurred continuously, should taken care by medical treatment.
- Eye : Flush with clean water at least 15 minute. if irritation still exist, see medical attention.
- Skin : Clean the irritation area with mild soap and water, if burning is still exist, see physician immediately.
- Ingestion : Do not induce vomiting. call physician immediately.

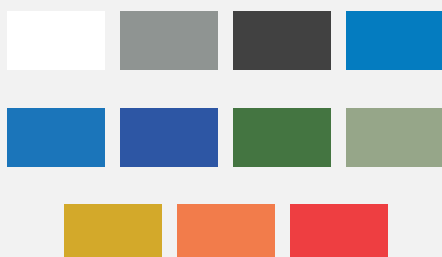


Disposal

Ferrosport 911 is composed of acrylic-polyurethane please do not put waste into public drainage, It is recommended to let the cement dried with sunlight.

Transportation and shipping data

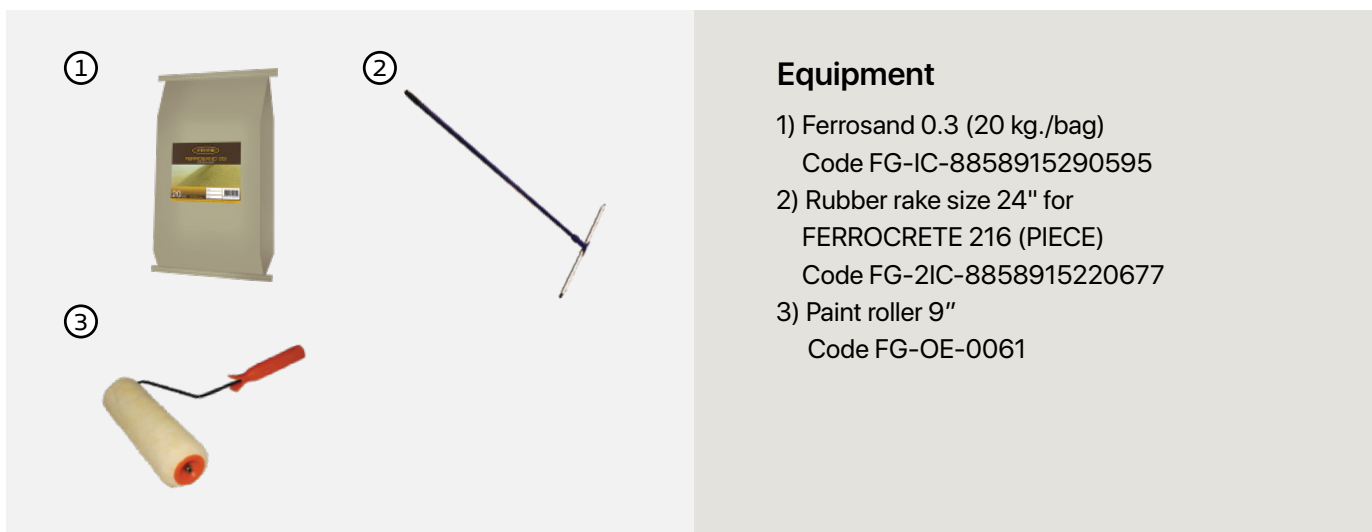
THAI DOT : Not regulated. IMO : Not regulated.
USA DOT : Not regulated. IATA : Not regulated.
RID/ADR : Not regulated.



Size

- 911/4 WHITE (4 kg./pail)
Code FG-9IC-8858915290168
- 911/4 LIGHT GRAY NO.6555 (4 kg./pail)
Code FG-9IC-8858915290069
- 911/4 MEDIUM BLUE No.552 (4 kg./pail)
Code FG-9IC-8858915290441
- 911/4 DARK BLUE No.4810 (4 kg./pail)
Code FG-9IC-8858915290076
- 911/4 DRAK GREEN No.GY7 (4 kg./pail)
Code FG-9IC-8858915290342
- 911/4 YELLOW (4 kg./pail)
Code FG-9IC-8858915290052
- 911/4 ORANGE (4 kg./pail)
Code FG-9IC-8858915290458
- 911/4 RED (4 kg./pail)
Code FG-9IC-8858915290045

- 911/20 WHITE No.996 (20 kg./pail)
Code FG-9IC-8858915290021
- 911/20 LIGHT GRAY NO.6555 (20 kg./pail)
Code FG-9IC-8858915290403
- 911/20 DARK GRAY No.6528 (20 kg./pail)
Code FG-9IC-8858915290397
- 911/20 LIGHT BLUE (20 kg./pail)
Code FG-9IC-8858915290373
- 911/20 BLUE No.4810 (20 kg./pail)
Code FG-9IC-8858915290014
- 911/20 MEDIUM BLUE No.552 (20 kg./pail)
Code FG-9IC-8858915290380
- 911/20 GREEN (20 kg./pail)
Code FG-9IC-8858915290144
- 911/20 DRAK GREEN No.GY7 (20 kg./pail)
Code FG-9IC-8858915290113
- 911/20 YELLOW No.4313 (20 kg./pail)
Code FG-9IC-8858915290151
- 911/20 ORANGE (20 kg./pail)
Code FG-9IC-8858915290038
- 911/20 RED No.630 (20 kg./pail)
Code FG-9IC-8858915290137



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Product warranty: The company is pleased to replace any product that is clearly proven to be defective due to manufacturing processes with a new products of equal value to the portion that is defective. Refunds are not available. Customers must be notify us of replacement within 7 days from the order date. Additionally customers can't claim damages resulting from direct or indirect using of the materials, as well as delays in delivery by the company. Furthermore replacements can't be made for errors in using that arise from customers negligence without consulting the sales staff or technical documentation provided by the company. The company reserves the right to amend manufacturing formulas or new packaging designs without prior notice. Therefore customers must be request the data sheet and sale conditions from the company before actual using and before each purchase. By doing so the company assumes that customers have understood and agreed to the company's sale conditions before using. (Company products are only allowed for using by individuals who have completed training provided by the company). *For further data please refer to the sale conditions from the company's sale department at sale@ferroproduct.co.th.



ISO 9001 & ISO 14001



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