The Floor Covering Material Available for Both Wet and Dry Construction

SELLECOAT®

Use

As a flooring material – HACCP•GMP Standards Applied Business Place, Seafood Processing Company, Food Factory, Logistics Center, Cold Storage•Refrigeration Waterhouse, Underground Parking Lot, Precision Machining Factory, Hospital, Office Floors, etc.

Construction Method

1. Remove laitance or foreign substances from the construction base.
2. 30 minutes before the construction, spray water on the base to dampen it, but remove excess water.
   - Unlike other products, SELLECOAT is available for wet construction, not requiring dehydration.
3. Paint surfaces with the mix using brushes, rollers, or dedicated feeders.
   - For a thin film below 1mm, paint twice, using the mix, using rollers, or paint it once using a high pressure spraying machine.
   - For a film of over 1mm, paint with the mix once, using brushes or high pressure feeders.
4. After construction, curing occurs at the temperature of 18℃, requiring about 24 hours for a film of 3mm, and about 48 hours for a film of 5mm.
   - The above curing period may be reduced with good ventilation, but prolonged in high humidity.
5. The cured surface should be finished with DEEPSEAL clearing or coating.

Mixing Method

A Standard Mix for a Thin Film

Emulsion 10Kg + Powder 25Kg = Traditional Mix

B Applied Mix for a Thick Film

Emulsion 10Kg + Powder 25Kg + Silica Sand 20~25Kg(No.5~6) = Traditional Mix

※ As for the silica sand, the grain size and amount should be adjusted for its use, and the surface condition will be dependent on it.

Note

Content	Inorganic Substance Powder, Acrylic High Molecular Aqueous Solution
Packing	Powder 25kg, Aqueous Solution 10kg
Color	5 Original Colors, etc.

1. The aqueous solution shall be kept at a temperature above zero.
2. Contaminated skin or clothes should be washed off immediately with water.
3. Keep the base temperature above +5℃, and under an air temperature of +10℃.
4. Use the paste within one hour after mixing.
5. The color is dependent on the surrounding environment (temperature or humidity).
6. Contact our Technical Service Center for further inquiries.

SELLECOAT®

Comparison: Before SELLECOAT and After SELLECOAT

Before Coating | After Coating

Before Coating | After Coating

The World's Best Inorganic Floor Covering Material, SELLECOAT, which has been the representative of Korea at many different kinds of exhibitions around the world since 1989

Since1988

Professional, Eco-friendly, Inorganic Flooring Material Manufacturer

DAEMYUNG Construction Technology Co., Ltd.

Head Office : 3800, Nambu-ro, Samseung-myeon, Boeun-gun, Chungcheongbuk-do, Korea

Homepage : www.dmcst.com

Tel. 82-2-831-1560 Fax. 82-2-831-1563

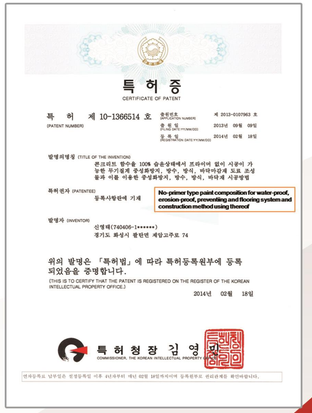
certificate of designation of Excellent Product | KOREA PATENT 제10-1366514호 | Sanitary safety standards for certification | Reasons for certification | certificate of designation for an Excellent Company | korea halal certification World first flooring | SINGAPORE GREEN BUILDING PRODUCT CERTIFICATE

The International Patent System | ISO certification 9001 / 14001 | Venture business certification | Clean workplace composition support | HACCP / GMP Application of flooring | MONEYTODAY 2016 KOREA COMPANY GRAND AWARD

Breathing, Eco-friendly, Inorganic Floor Covering Material SELLECOAT

SELLECOAT®

Apply SELLECOAT to a wet concrete floor, even with a moisture content of 100% and, with its peeling-free and loss-free functions due to the Goretex effect, this is an eco-friendly paint-type inorganic floor covering material.



Before Construction – Fisheries Market – After Construction

A 25 Year-Long Tradition 1988 SINCE

No Problem with Water or Humidity

One Time Work, No Need for Repeated Coating

No Toxic Gas Generation, No Problem with Smell

No Slipping on Wet Floors

Professional, Eco-friendly, Inorganic Flooring Material Manufacturer

DAEMYUNG Construction Technology Co., Ltd.

Multi-functional and High-Performance Floor Covering Material

SELLECOAT®

Eco-friendly and High-Performance Paint-Type Inorganic Floor Covering Material

SELLECOAT is the high performance and eco-friendly inorganic floor covering material that was developed by Daemyung Construction Technology Co., Ltd. in 1988, the first of its kind in Korea.
SELLECOAT can be applied to a wet concrete base with a moisture content of 100%.
Due to its concrete-friendly physical properties, SELLECOAT is the only eco-friendly and high-performance multi-functional inorganic floor covering material in the world that will not peel due to the surrounding environmental factors, such as moisture and humidity, nor be damaged by weight or shock as well.

Functions and Characteristics

Constructability
No problem with construction materials with water content of 100% and in a place with an air humidity of 100%.

Adhesiveness
Strong adhesiveness regardless of the material type: Concrete, Metal, Stone, Tile, or Epoxy.

Shock Resistance
No fear of damage due to the weight, shock, or pressure-buffering function of inorganic molecular porous bodies.

Air Permeability (Goretex Effect)
No possibility of peeling from moisture pressure, as the material penetrates the gas pressure, like Goretex.

Wear Resistance
Resists the wheel friction force.

Waterproof
Resists water pressure on its internal or external surface.

Non-flammability
SELLECOAT is made of inorganic substances which suppress fire.

Temperature Resistance
Have an excellent thermal resistance, ranging from -40℃ (refrigerating temperature) to 80℃ (hot-water temperature).

Non-slippery
No fear of slipping on a wet surface.
(SELLECOAT coating increases the non-slippery texture of wet floors.)

Eco-friendliness
Water is used as the primer for wet construction, creating no hazardous materials.
The main components are inorganic substances, generating no toxic gas in case of fire.
This is also an eco-friendly product with little smell.

HACCP & GMP Standards Applied Office Floor

Product Warehouse

Food Production Facilities

Factory Floors

Meat Processing Factory

Underground Machine Room Before Construction

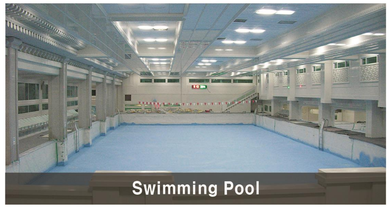
Application Examples of Eco-friendly Paint-type and Inorganic Floor Covering Material, SELLECOAT

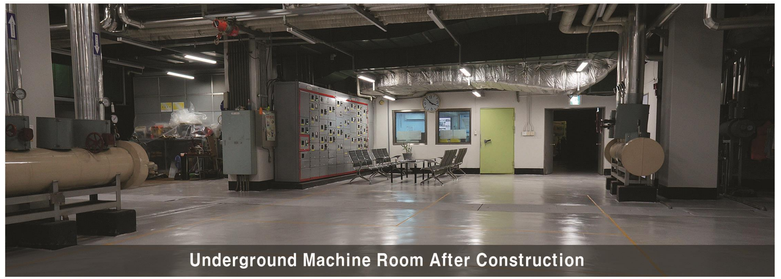
The Only Floor Covering Material in the World

Underground Parking Lot

Hospital

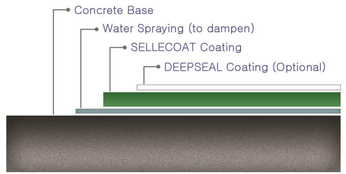
Commercial Facilities


Swimming Pool

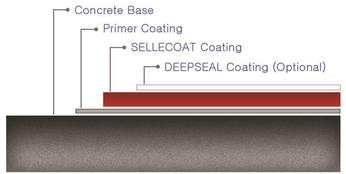

Underground Machine Room After Construction

Construction Sectional Drawing

One Time Application: No Need of Undercoating, Second Coating, or Top Coating, Non-toxic & Eco-friendly Product for Simple Construction

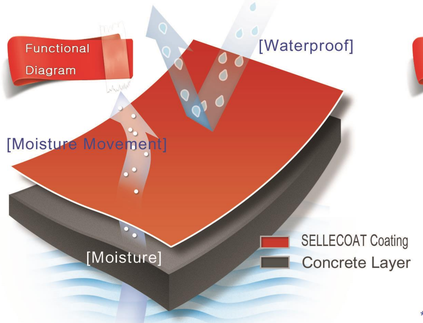


[Wet Construction: Humid Background]



[Dry Construction]

Functional Diagram



Inorganic SELLECOAT Coating Functional Diagram (Goretex Effect)

Color Samples

*The above colors are printed, they may look different in reality.