

Paint for marking of pavement

KS M 6080 Class 4 Fusion-typed Plastic Paint

Product Information

KS M 6080 Class 4 Fusion-typed Plastic Paint refers to solventless coatings which are made by mixing synthetic resins and extender pigments with a variety of colors(white, yellow and blue), which is used for marking the lines on road surfaces or runways via heating and melting when doing road works.

Features

- Easy to dry because it is used via heating and melting.
- Excellent in adhesive force, wear-resistance, alkali resistance, water ristance and weather resistance because of a non-solvent material.
- Environment-friendly because it uses a vinyl bag which plays a role of resin, which bans extra wastes from being generated, in addition to improvement of the properties of product.
- Keeps the brightness of the paint steady because wearing the upper of the paint' s film expresses the performance of the intermix bead in the film.



Working order

Placement
of a
signalman

cleaning
of road
surface

primer
painting

melting a paint
in the prearranged
furnace and then,
painting evenly

traffic allowance
after 20 minutes.

※ Please make sure that the operative temperature is not lowered to 180℃, irrespective of the manual or auto painting.

Application field

Asphalt and concrete road' s median line, boundary line of road, sideline along the road, overtaking-prohibiting line, pedestrian crossing line, stop line, parking line, letters and signals, etc.



Slip-resistant pavement

Paint for marking of pavement



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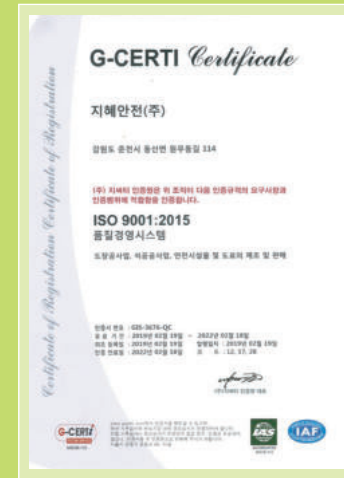


Jihye-Safety Corporation



ISO 9001:2015
ISO 14001:2015
GIS-3676-QC-EC

Certification Status



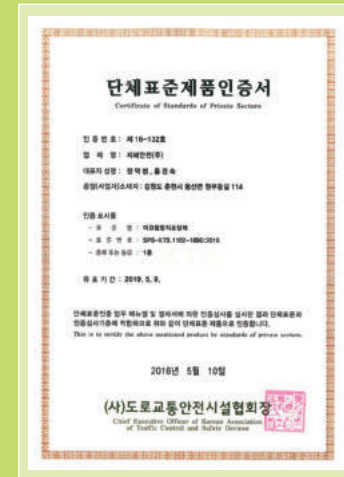
01 ISO9001



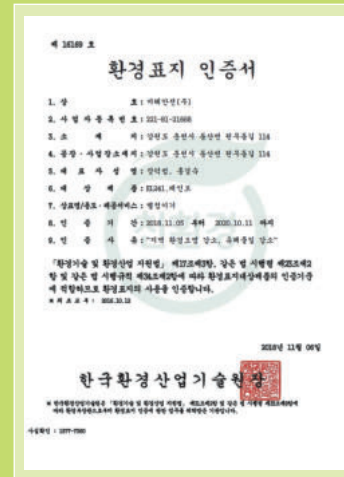
02 ISO14001



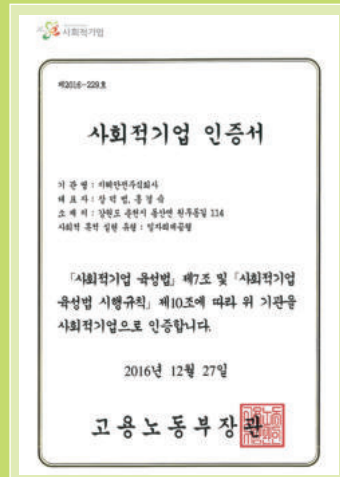
03 Korea Industrial Standards(KS) Certificate



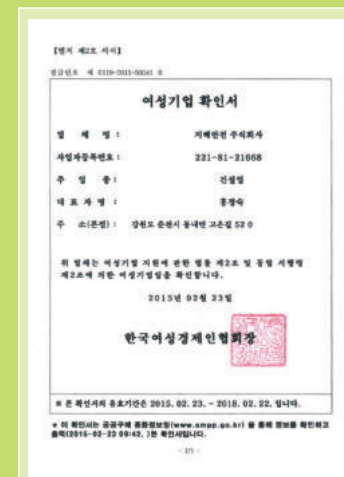
04 Collective Standard Product Certificate



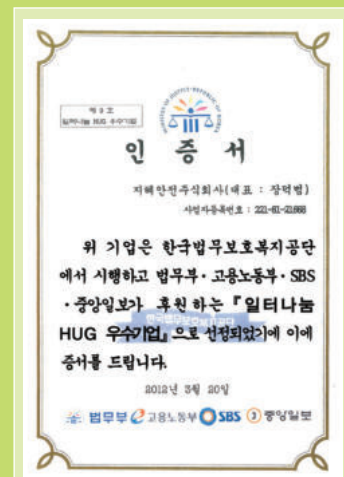
05 Environmental Product Declaration



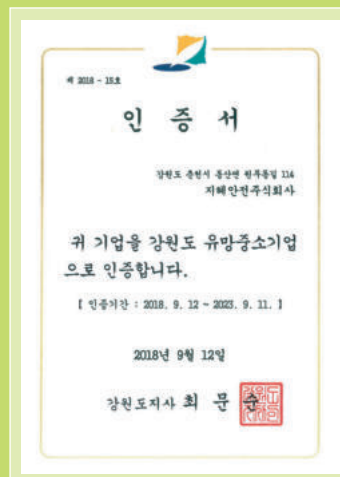
06 Social Enterprise



07 Woman-owned Business Certificate



08 Workplace Sharing Good HUG Enterprise No. 9



09 Promising Small and Medium Enterprise Certificate

Slip-resistant pavement

Product Information

slip resistant pavement is a kind of pavement material which intends to enhance the slip-resistance via surface coating using the aggregates, like PMMA and silica. This product improved both physical durability including adhesive force and wear-resistance, and chemical durability, including salt resistance and, alkali resistance, and is able to express a variety of colors. The environment-friendly product is boastful of high-strength and high functionality.

This product is used in diverse application fields: Areas where slip resistance on the road surface is low, areas where the plane and vertical alignment of the road are poor, areas with a sharp inclination, school zones and bike roads.

Since this product enhances slip resistance of the surface in the abovementioned areas, it shortens the breaking distance of the car or bicycle, while preventing a person from being slipped.



Features

Excellent constructability and good slip-resistance

Makes it possible to work at room temperature and shorten working hours because of a fast expression of strength. Use of multi-grading aggregates enhances precision of connecting the aggregates and adhesive resin, which leads to high slip-resistance.

Prevention of material separation and aggregate deviation

The mixing of resin and aggregate prevents aggregates from dropping out

Prevention of material separation and aggregate deviation

Since this product has high adhesion strength, there is no concern about aggregate deviation. Also, good wear resistance makes it possible to maintain its good durability. Even when spreading calcium chloride in winter, the excellent chemical durability of the product remains unchanged

Good adhesiveness and wear resistance.

Since of good adhesive strength and wear rate, the product maintains a slippery-prevention function for quite a long time.

Good adhesiveness and wear resistance.

Good flatness stemming from the surface treatment method and guarantee of slip resistance of 40BPN / 55BPN or higher. Even during rainfall, this product maintains its excellent slip resistance.

Good adhesiveness and wear resistance.

Because of using PMMA resin, aggregates(silica and PS ball) and a mineral pigment, the desired color can be expressed, which creates the harmony with the surrounding scenery.

Working order

Placement of safety facility and signalman

surface cleaning and taping work

primer coating

mixing of combined aggregates

slip-resistant material laying

slip resistant material finising

curing and site organization

traffic allowance

Application Field

Crossroads, school zones, silver zones, hairpin bends, scarps and parking lots.

Construction Case

Paint for marking of pavement



Slip-resistant pavement

