



**MIZU
TANI
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BOUJINTEX #2700DG

2K SOLVENT BASED ANTI-STATIC EPOXY

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BOUJINTEX #2700DG

DESCRIPTION

Mizutani Paint Philippines Inc.'s BOUJINTEX #2700DG is Japanese quality epoxy floor paint with a special anti-static feature that prevents electrostatic charging and static electricity accidents in factories and offices.

BOUJINTEX #2700DG provides safety control in production areas, factories, operating rooms, and computer rooms.

DETAILS

Type: Epoxy, Solvent Based, 2K

Use: Interior Floor

Finish: Gloss

Surface: Mortar / Concrete

Method: Brush / Roller

Painting Interval (23°C): 8 - 48 hrs.

Walk-able: 16 hrs.

Fully Cured: 3 days

Coverage: 95 m² / 15 kg set / coat

FEATURES

1. Static Electricity Prevention
2. Durable & Wear Resistant
3. Chemical & Oil Resistant
4. Dust Proof - Achieves a tough and appealing fine finish.

USE

BOUJINTEX #2700DG is suitable for a factory, fine particle warehouse, and gunpowder warehouse, where electronic parts are made. As well as a computer room, clean room, and operation room.

MATERIALS

TOPCOAT MATERIAL: Boujintex #2700DG (12kg base / 3kg hardener)

INTERMEDIATE MATERIAL: Boujintex #2700D Black
14kg set (10.5kg base, 3.5kg hardener)

UNDERCOAT MATERIAL: Boujintex Epoxy Primer Eco-N
14 kg set (10.5kg base, 3.5kg hardener)

DILUENT MATERIAL: BOUJINTEX #2700DG THINNER (16L/can)

BOUJINTEX #2700DG

INSTRUCTIONS

- Do not use paint at temperature lower than 5 °C or if relative humidity is at 80% or higher to avoid poor curing.
- After curing of mortar/concrete, if there's an area with water spillage, dry this area thoroughly for one week.
- For iron pillar method: First, peel off the rust preventive paint using a grinder to expose the metal. Then apply a coat of #27000D BLACK to the exposed metal part. This will serve as a passageway for static electricity. If H steel is not available within a radius of 15m, install the earth plate to be sure.
- For earth plate method: Install the earth plate in a corner where walking is minimal to avoid tripping.
- Use BOUJINTEX #2700DG hardener S for temperature above 20°C.
- Use BOUJINTEX #2700DG hardener W for temperature below 20°C.
- If topcoat is not applied according to the specified coating amount or painting frequency, with only one coat, the resistance value will be smaller than $1 \times 10^5 \Omega$.
- Keep paint away from fire and make sure place has enough ventilation to avoid fire accidents or solvent poisoning.
- Insufficient ventilation can cause delayed curing time.
- Paint contains hazardous chemicals (VOC, etc.) Take caution when applying, especially for people with chemical hypersensitivity.
- Odor from the paint may cause annoyance to the neighborhood, apply with due consideration.
- Refer to SDS for details.
- Paint may have increased internal pressure due to the influence of solvent, be careful when opening the cap.
- Be sure to mix base and hardener at the prescribed blending ratio and stir thoroughly with a handheld mixer. Otherwise paint consistency will not be achieved. This may result in color float, discoloration, or poor curing.
- Consume the two-component type paint within its' pot life. Pot life extremely shortens in high temperature environment. Use paint efficiently.
- Use exclusive thinner for dilution.
- Keep the base and hardener sealed separately. Store in a cool and dark place.
- Store and handle the paint according to the Fire Law and the Industrial Safety and Health Act.

METHOD: GLOSS FINISH ON MORTAR/CONCRETE

#2700DG GLOSS ON MORTAR / CONCRETE	MATERIAL	MIX RATIO	METHOD	FREQUENCY	AMOUNT	COVERAGE	POT LIFE	INTERVAL
1. SURFACE PREPARATION	Remove any excessive laitance using a polisher or sanding machine (linax) until the base substrate is roughened sufficiently for adhesion. Remove any barrier such as existing sealer, curing material, grease, oil, and dirt. Treat cracks, holes, or any other surface unevenness with epoxy putty after primer.							
2. PRIMER	Boujintex Epoxy Primer Eco-N (10.5kg base, 3.5kg hardener)	-	Brush/ Roller	1	0.12 to 0.16 kg/m ² /coat	88 to 117 m ² /set	60 min.	4 to 48 hrs.
3. EARTH	<p>*For Iron Pillar Method: First, peel off the rust preventive paint using a grinder to expose the metal. Then apply a coat of #27000D BLACK to the exposed metal part. This will serve as a passageway for static electricity. If H steel is not available within a radius of 15m, install the earth plate to be sure.</p> <p>*For Earth Plate Method: Install the earth plate in a corner where walking is minimal to avoid tripping.</p>							
4. INTERMEDIATE FINISH	Boujintex #2700D Black (10.5kg base, 3.5kg hardener)	0 to 0.5 L #2700 Thinner	Brush/ Roller	1	0.12 to 0.16 kg/m ² /coat	88 to 117 m ² /set	60 min.	6 to 48 hrs.
5. TOPCOAT	Boujintex #2700DG (12kg base, 3kg hardener)	2 to 4 L #2700 Thinner	Brush/ Roller	2	0.14 to 0.18 kg/m ² /coat	42 to 54 m ² /set	3 hrs.	8 to 48 hrs.

