



MIZU
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PH

MIZUKEI BOUJINTEX THERMO

IK WATER-BASED THERMAL INSULATION ACRYLIC

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MIZUKEI BOUJINTEX THERMO

DESCRIPTION

MIZUKEI BOUJINTEX THERMO is a one-component, water based, acrylic floor paint that can be applied on mortar, concrete, and asphalt surfaces. It has a special formulation that can reflect infrared rays from the sun, reducing the absorption of heat on the ground. MIZUKEI BOUJINTEX THERMO is an impressive thermal insulation floor paint that can assist in countering heat.

DETAILS

Type: Acrylic, Water-Based, 1K
Use: Exterior Floor
Finish: Anti-Slip Matte
Surface: Mortar / Concrete / Asphalt
Method: Roller / Texture Gun
Painting Interval (23°C): 2 hrs.
Walk-able: 16 hrs.
Fully Cured: 3 days
Performance: 1 - 5 yrs.
Coverage: 34 m² / 15 kg can / coat
Coverage: 9 m² / 4 kg can / coat

USE

MIZUKEI BOUJINTEX THERMO is suitable for a walkway, outdoor parking, jogging track, playground, gym, basketball court, or poolside.

FEATURES

1. Thermal insulation – reduces heat.
2. Anti-slip – safety.
3. One component – economical, easy application by roller or texture gun.
4. Water based – Eco-friendly, releases low odor, prevents danger of fire or solvent intoxication.

MATERIALS

TOPCOAT MATERIAL:
MIZUKEI-BOUJINTEX THERMO (15 kg can)

UNDERCOAT MATERIAL:
MIZUKEI-BOUJINTEX SEALER (15 kg)
MIZUKEI-BOUJINTEX EPOXY-SEALER II
14 kg set(base 7kg / hardener 7kg)

HEALTH & SAFETY

- Use under well ventilated conditions.
- Avoid skin contact.
- In case of skin contact, immediately wash with soap and water.
- In case of eye contact, flush with water and seek medical attention immediately.

PREPARATION

- Surface moisture content should be 5% or less.
- Remove laitance and dense layer from the surface with a polisher and sanding machine.
- Roughen the base surface for better adhesion.
- Remove any dirt, dust, and oil on the surface.
- Treat cracks, unevenness, etc., with epoxy putty.



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APPLICATION

- Apply with a roller or texture gun.
- Coat the undercoat and let the surface dry 4-48 hours.
- Coat the topcoat and let the surface dry 2 hours.
- Whole application process until fully cured will take 3 days.

METHOD: ANTI-SLIP FINISH ON MORTAR/CONCRETE

BTX THERMO ANTI-SLIP ON MORTAR / CONCRETE	MATERIAL	MIX RATIO	METHOD	FREQUENCY	AMOUNT	COVERAGE	POT LIFE	INTERVAL
1. SURFACE PREPERATION	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	Mizukei Btx Epoxy Sealer II (7kg base, 7kg hardener)	-	Brush/ Roller	1	0.12 to 0.16 kg/m ² /coat	88 to 116 m ² /set	60 min.	4 to 48 hrs.
3. TOPCOAT	Mizukei Boujintex Thermo (15kg)	0.4 to 1.8 kg	Roller / Texture Gun	2	0.4 to 0.5 kg/m ² /coat	15 to 18 m ² /can	-	2 hrs.

METHOD: ANTI-SLIP FINISH ON ASPHALT

BTX THERMO ANTI-SLIP ON DENSE ASPHALT	MATERIAL	MIX RATIO	METHOD	FREQUENCY	AMOUNT	COVERAGE	POT LIFE	INTERVAL
1. SURFACE PREPERATION	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	Mizukei Boujintex Sealer (15kg)	-	Brush/ Roller	1	0.2 to 0.3 kg/m ² /coat	50 to 75 m ² /set	-	2 hrs.
3. TOPCOAT	Mizukei Boujintex Thermo (15kg)	0.4 to 1.8 kg	Roller / Texture Gun	2	0.4 to 0.5 kg/m ² /coat	15 to 18 m ² /can	-	2 hrs.