



**MIZU  
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PH**

# **MIZUKEI BOUJINTEX U**

**2K WATER-BASED POLYURETHANE  
ECO & MULTI-FUNCTIONAL**

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# MIZUKEI BOUJINTEX U

## DESCRIPTION

MIZUKEI BOUJINTEX U is a two-component polyurethane floor paint that can be applied on mortar or concrete surfaces. It contains fast drying properties, despite it being water based, allowing a shorter application period.

MIZUKEI BOUJINTEX U is a flexible product with multiple use. Applicable for both indoor and outdoor, due to its' impressive resistance against weather. It is also particularly strong in resistance against stain, scratch, water, chemical, and oil.

MIZUKEI BOUJINTEX U provides a greener and safer multipurpose floor solution that dries off in a beautiful high gloss finish.

## DETAILS

Type: Polyurethane, Water Based, 2K  
Use: Interior & Exterior Floor  
Finish: Gloss  
Surface: Mortar / Concrete  
Method: Brush / Roller  
Painting Interval (23°C): 2 - 48 hrs.  
Walk-able: 6 hrs.  
Fully Cured: 2 days  
Performance: 1 -5 yrs.  
Coverage: 108 m<sup>2</sup> / 14 kg set / coat  
Coverage: 31 m<sup>2</sup> / 4 kg set / coat

## FEATURES

1. Quick-dry - efficient.
2. Water based - eco-friendly, releases low odor, prevents danger of fire or solvent intoxication.
3. Weather resistant - can be used outdoors.
4. Abrasion resistant - fights wear and tear.

## USE

MIZUKEI BOUJINTEX U is applicable for interior and exterior floors. Suitable for a factory, warehouse, automobile repair shop, car park, production area, office, corridor, stairs, and more.

## MATERIALS

TOPCOAT MATERIAL:	MIZUKEI-BOUJINTEX U 14 kg set (base 13kg / hardener 1kg)
UNDERCOAT MATERIAL:	MIZUKEI-BOUJINTEX EPOXY-SEALER II 14 kg set (base 7kg / hardener 7kg) BOUJINTEX EPOXYPRIMER ECO-N 14 kg set (base 10.5kg / hardener 3.5kg)
DILUENT MATERIAL:	BOUJINTEX #5000U THINNER (16L/can)
ADDITIVE:	SILIKA SAND NO. 7 (30kg/bag)

## 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.

## APPLICATION

- Stir the base and hardener thoroughly to avoid color floating and poor curing.
- Apply with a brush or roller.
- Coat the undercoat and let the surface dry 4 hours.
- Coat the topcoat and let the surface dry 2 hours or more.
- Whole application process until fully cured will take 2-3 days.



## METHOD: GLOSS FINISH ON MORTAR/CONCRETE

BTX U GLOSS 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/m2/coat	88 to 116 m2/set	60 min.	4 to 48 hrs.
3. TOPCOAT	Mizukei Boujintex U (13kg base, 1kg hardener)	0.3 to 1.4 kg	Brush/ Roller	2	0.11 to 0.16 kg/m2/coat	44 to 64 m2/set	3 hrs.	2 to 48 hrs.

## METHOD: ANTI-SLIP FINISH ON MORTAR/CONCRETE

BTX U 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	Boujintex Epoxy Primer Eco-N (10.5kg base, 3.5kg hardener)	0 to 2 L #5000U Thinner	Brush/ Roller	1	0.12 to 0.16 kg/m2/coat	88 to 117 m2/set	60 min.	4 to 48 hrs.
3. UNDERCOAT	Mizukei Boujintex U (13kg base, 1kg hardener)	0.3 to 1.4 kg	Brush/ Roller	1	0.11 to 0.16 kg/m2/coat	88 to 127 m2/set	3 hrs.	2 to 48 hrs.
4. ADDITIVE	Silica Sand No. 7	-	Sprinkle evenly before under coat dries.	-	0.1 to 0.3 kg/m2	-	-	-
5. TOPCOAT	Mizukei Boujintex U (13kg base, 1kg hardener)	0.3 to 1.4 kg	Brush/ Roller	2	0.11 to 0.16 kg/m2/coat	44 to 64 m2/set	3 hrs.	2 to 48 hrs.