



# WATERFLEX #1000

## Technical Data Sheet

### OUTLINE

This paint is an economical and practical water-soluble type of elastic waterproof paint using polyurethane resin and modified acrylic resin. It has excellent adhesion and durability, and forms an elastic and strong paint film with good elasticity, so damage to the paint film due to shrinkage and expansion of concrete structures. It is a waterproof coating that prevents damage and maintains excellent waterproof performance.

### SOLVENT COMPOSITION

- Polyurethane resin, Modified acrylic resin

### TYPICAL PROPERTIES

WATERFLEX #1000	
Exterior	Green, Grey and custom colors
Solid Content	58%
Specific Gravity	1.132
Film Thickness	1000 $\mu\text{m}$
Theoretical Painting Area	0.58 $\text{m}^2/\text{L}$

### HOW TO PAINT

- AIRLESS SPRAY, Brush, Roller
- Undercoating: Painting after surface treatment
- Top coat coating: Uniform top coat coating within 6 hours to 3 days after lower coating
- Since cracks may occur if the coating is applied thickly, divide the coating into 2~3 coats

### CHARACTERISTIC

- It is convenient to use as a one-component type.
- It dries quickly and has excellent workability.
- Excellent water resistance, durability, and impact resistance.
- It has good adhesion, strong coating and excellent elasticity.
- As it is water-soluble, it is environment-friendly.

### Field Of Application

- Rooftop waterproofing of apartments, buildings, detached houses, etc.
- Other outdoor waterproofing





## STORAGE

Products should be kept tightly closed when not in use and stored in a cool, dry place because they will absorb moisture if left in open containers and it could result in increased viscosity, color change and some crystallization of the products.

This product has shelf life of 12 months when protected from moisture and air.

## HANDLING PRECAUTION

Please refer to the MSDS for further information.

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# Standard Application Method

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	Name	WATERFLEX #1000	Remarks
1	Appearance		
2	Color	Green, Grey and custom colors	
3	Materials		
4	Paint Name	WATERFLEX #1000	
5	Thinner	WATER	
6	Hardener	--	
7	Mixing Ratio (Paint / Hardener)	--	
8	Mixing Ratio (Paint / Thinner)	--	Paint / Thinner
9	Spray Viscosity	--	Iwata Cup #2
10	Filter	--	
11	Painting Method	AIRLESS SPRAY, Brush, Roller	
12	Number of coats	ONE COATING	
13	Pot life	120 min	20°c
14	Film Thickness	Under 50 $\mu$ m, Top 1000 $\mu$ m	
15	Warranty	12 Months	

### Cautions On Handling

- 1) Mix thoroughly the Paint and Thinner with proper stirring device.
- 2) Use specified thinner only, or may result in defects.
- 3) Use adequate ventilation to work area. Avoid prolonged breathing of vapor.
- 4) Store drum in the dark areas with good ventilation.





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# CERTIFICATION OF ANALYSIS

Customer :  
Product Name :

Lot No. :  
Quantity :

Test Item	Unit	Specification	Result	Remarks
Appearance	-			
Viscosity	KU			
Secific Gravity				
Solids Content	%			
Color	-			

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CERTIFY THE ABOVE STATEMENT OF QUALITY TO BE TRUE AND CORRECT.

Head of Quality Control