
WATERBONE FLOXY

WATERBONE FLOXY is two component type paint based on waterbone epoxy resins.

CHARACTERISTICS

- Excellent adhesion when compare to other paints
- It can apply to the humid surface
- Excellent in its washing and abrasion resistant effect
- Being a waterbone agent, it is a environment-friendly product to take the worker's safety into account.
- It is easy washable and has good serviceability.

RECOMMENDED USE

- Used for floors to protect of concrete structures (e.g. parking area, office and etc).

PHYSICAL PROPERTIES

- Colors Green, Gray, etc.
- Volume Solids 40%
- Recommended Dry Film Thickness
50~150 μ m per a coat
Don't excess 200 μ m per a coat
- Theoretical Coverage
3.6m²/L (dry film 100 μ m)
0.3kg/m² (dry film 100 μ m)
- Finish Gloss
- * Exposure to direct rays of the sun for a long time, it may cause the discoloration and eventually chalk.
- Dry Temperature Resistance
continuous 90°C
non-continuous 120°C
- * Discoloration and loss of gloss is observed when it is continued.
- Chemical Resistance

Exposure	Condensation	fumes
Dilute acids	Good	Excellent
Dilute alkalis	Excellent	Excellent
solvents	Good	Excellent
water	Excellent	Excellent
Saline water	Excellent	Excellent

- Not Recommended for
- * Immersion service or exposure to strong acids and solvents.
- * Exposure to direct rays of the sun for a long time. It may cause the losing gloss, discolor and eventually chalk.
- * For long lasting color retention, apply acrylic urethane resin base topcoat.

THINNER

- water 5%

MIXING RATIO

- A : B = 0.8:1 (by weight)

PACKING UNIT

- Main Agent (part A): 6.6kg, Hardener (part B): 8.4kg
- Performed other orders.

STORAGE CONDITIONS

- Store it indoors.
- Temperature: 4~43°C
- Relative Humidity: 0~90% (sealed condition)
- Make sure that the remaining paint after use should be sealed.

SHELF LIFE

- 12 months at the normal temperature
- Please stir it in a stirrer before use as it causes its layer to separate when stored for a long time.

PRECAUTIONS

- Sufficient ventilation and protective gloves, masks and protective gear to wear.
- Keep away from open flames.
- After using leftover paint in direct sunlight to reach the seal must be a cool place.
- Keep out of reach of children to save.
- Absolute intake can cause health disorders or steam inhalation, skin contact, or are not careful.
- In case of ingestion or skin contact, administrate first aid according to notice on container or Material Safety Data Sheet(MSDS), and see the doctor immediately.
- Do not use other purpose except original recommended use.

** This document is exact, but it can be changed for quality improvement without notice. For more detailed information, contact to Technical Center of ur company.*

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RANGE

This Product Guide applies to **WATERBONE FLOXY**. This is a standard guide. If there are anything different from the specification at the workplace, please follow the specification

WORKING CONDITION

- Painting method brush, roller, sprayer, etc.
- Applications tools Reggie, roller, knives, Reggie, Cleaning equipment, etc.
- Recoating interval after 12hours (25°C)
- Mixing ratio 0.8: 1(by weight)
- Theoretical coverage 10 m²/liter (50 μm;0.1kg/m²)
- Thinner usage within 5%
- Drying Time Hard dryness: 12 hours(25°C)
- Time Available to Use 4 hours after its mixture(25°C)

Environmental conditions

	Material	Surface	Ambient	Humidity
Normal	5	5	5	0
Minimum	21 ~ 26	21 ~ 26	21 ~ 26	Below 80
Maximum	32	37	37	Up to 85

* The surface temperature must be at least 3°C above the dew point to prevent moisture condensation.

* In case of excess the limitation, contact our technical service

- Must use suitable thinner, otherwise you must get failure coating film.
- Make sure that the remaining paint after use should be sealed and kept out of the children in the dark place.
- If temperature is high, its time available to use gets short. Do not use it if it passes the time available to use.
- In case of ingestion or skin contact, administrate first aid according to notice on container or Material Safety Data Sheet(MSDS), and see the doctor immediately.
- Do not use other purpose except original recommended use.

SURFACE PREPARATION

- All primed surface must be free oil, moisture and any other contaminants.

DIRECTIONS FOR WORK**1. Surface treatment**

- Clean the surface with acid , sandblast or grinding if you need.
- Remove the concrete ash, oil, dust, etc. on the surface.
- Make surface flat with grander removing protrusion of concrete surface.
- If there are some crack, repair it with proper putty such as epoxy putty.

2. Direction for WATERBONE FLOXY s coating

- Check the cleaned well surface
- Then apply to cleaned Epoxy transparent Primer s with roller, brush, or sprayer.
- It is sufficient one applying, according to surface condition apply it twice

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PRECAUTIONS

- When painting in the room, make sure to change air and wear the protecting gloves and mask
- Keep away from open flame.