

***** Hei-Mex 6511 *****

1. Overview

Hei-Mex 6511 is water-based EVA peelable paint.

2. Basic characteristics

Item		Values	Notes
Products	-	Light-blue liquid	Water-based EVA resin
Appearance	-	Blue	EVA resin
Viscosity (mPa · s, 25°C)	-	3400	JIS K-7117 Measurement speed 2rpm
Specific gravity	25°C	1.09	Standard pycnometer
Solid content	Wt%	50	Internal standards
Solvent content	Wt%	0	Internal standards
Minimum film forming temperature	°C	1	Internal standards
Ph	-	5	Internal standards

3. Basic physical properties

Item		Values	Notes
Tensile strength	MPa	1.5	JIS K 7113 (100mm/min)
Elongation at break	%	370	
Weather resistance	-	1 year later. Easily peelable.	Base material: Window glass (outdoors/southern)

This physical property value is representative of our measurements and is not a specification value.

Since the physical properties of the product vary depending on the shape and molding conditions, use the product after thoroughly checking the product.

4. Outline of necessary facilities

Painting tools for water-based paints

5. How to use

Apply roller coating to the surface of the object and allow it to dry at any temperature/time.

6. Dry condition

Allow to dry at any temperature/time after painting. The drying time must be adjusted depending on the thickness of the coating film, the environmental temperature, and the environmental humidity. Regarding the drying time, refer to the following conditions.

Amount of paint (kg/m ²)	Standard thickness after drying (μm)	Tack free drying time (ambient temperature 25°C/ambient humidity 50%)
0.17~0.20	60~80	1 hour

※If the drying time is insufficient and the coating film is unformed, the original easy peelability cannot be shown. The higher the environmental humidity is, the more time it will take than the above tack-free time.

7. Handling precautions

This product is water-based material. When freezing, the water contained is separated and the viscosity changes, and flocculates are generated. Please keep it at 5-35°C, paying attention to freezing.

When the material used once is stored again, there are some cases in which the viscosity will become high.

To adjust the viscosity, add an appropriate amount of ion-exchanged water and mix well.

8. Safety and health precautions

(1) Provide a local exhaust ventilation system in the work area and be careful of ventilation.

(2) Be careful not to touch the raw material directly with your hands or skin.

In case of contact with the material, wash it off immediately with soapy water.

(3) Leaving it in contact for a long time may cause rash.

(4) If the material comes into contact with the eyes, immediately wash the eyes with running water for about 15 minutes and consult an ophthalmologist.

9. Fire Defense Law Hazardous Materials Classification

Non-hazardous materials