

Photocatalyst M-Clean series

Photocatalyst M-8G

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<http://www.marusyosangyo.jp/>

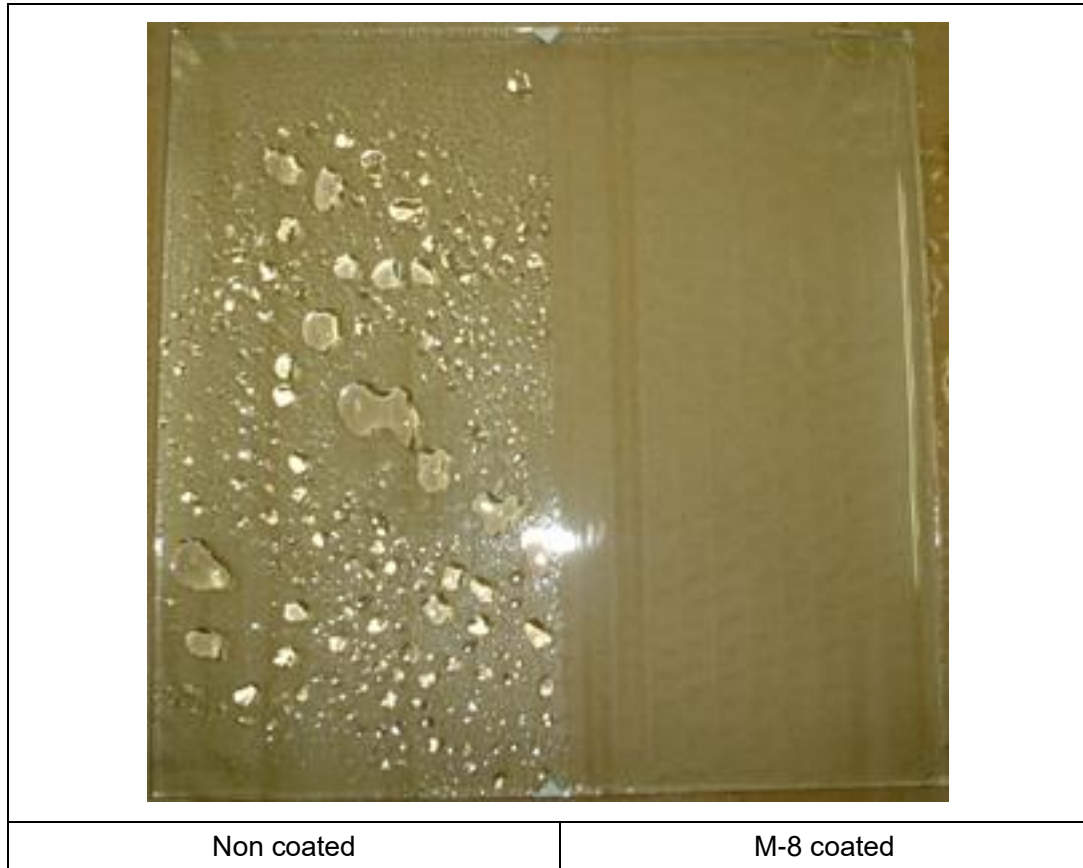
1. Description

M-8G is suitable for wall, glass and other transparent surfaces. M-8G is made from ultrafine particles and high dispersion photocatalyst.

Characteristics	<ul style="list-style-type: none">➤ High hydrophilicity➤ High transparency➤ Hardness level: 3H➤ Water based.➤ Dry out very quickly.➤ No degradation (Inorganic materials)➤ Eco-product
Liquid color	Buff white-yellow
Fluid type	Water /Alcohol mixed fluid (not DG)
Main component	TiO ₂ and Silica
How to dry	Air dry
Drying time	Over 3 hours (At 20 deg C)
Application method	Spray gun, roller brush
Application amount	17 - 20 g / 1 sq m (baseline: 60m ² /1liter)
Appearance after dry	Transparent

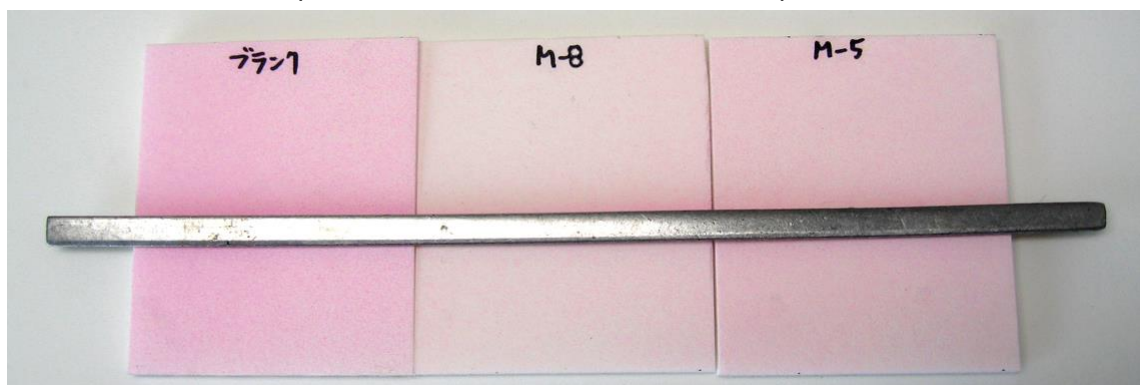
2. Test condition

2-1. Hydrophilic condition



2-2. Decomposition effect

How to test: Put these plates in outdoor and check the decomposition effect.



Left: Non coat surface

Center: M-8 coated surface

Right: M-5 coated surface

*Confirmed high decomposition effect of M-8 as well as M-5.

3. Test of exposure

3-1. Test location



3-2. Test result

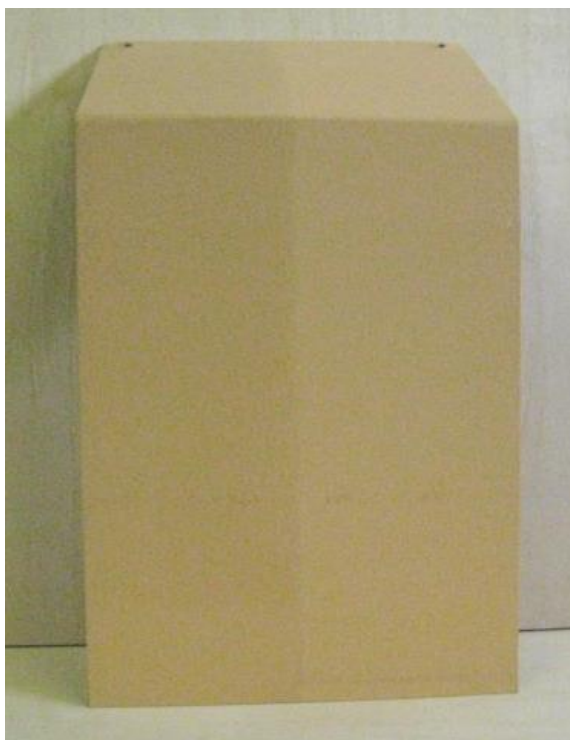
3-2-1. Duration of exposure: 3 months



Base: Water based paint (white)

Left: Paint surface (non-photocatalyst)

Right: M-8G on the painted surface



Base: Water based paint (yellow ocher)

Left: Paint surface (non-photocatalyst)

Right: M-8G on the painted surface



Base: Water based concavo-convex shape paint (white)

Left: Paint surface (non-photocatalyst)

Right: M-8G on the painted surface

3-2-2. Duration of exposure: 9 months



Base: Water based paint (white)

Left: Paint surface (non-photocatalyst)

Right: M-8G on the painted surface

4. Application site



Building wall (Tile surface)



Glass surface