

What is HLG?

- HLG is the glass that does not need heat treatment.
- HLG=heatless glass.
- The coating agent of perfect minerals, which will become glass (film) when it gets dry (applied under normal temperature).

The feature of HLG

(Perfect minerals)

- It is the perfect minerals same with the ordinary glass and the Chinas, and there is no melting of the toxic substance into water.
- It will be treated same as a stone or sand at the time of disposal, and recycling is also possible.
- The HLG itself does not emit a toxic substance at the time of incineration.
- As mentioned above, there is no environmental load.

(High heat resistance)

- Specifically, the heat of 600 to 1300 degrees is borne.
- Though natural, the heat resistance of the basic material (=paint subject), which applied HLG, is not guaranteed.

(High water resistance)

- As well as the usual glass, it is not invaded by water and does not let water pass.

(High oiliness-proof and chemical resistance)

- As well as the usual glass, oil and acid, and organic solvents such as lacquer, thinner, benzene will not invade HLG.

(High weather proof)

- When it converts into a season-proof from examination data, it is a season-proof performance for 25 to 30 years.

(The merit of the HLG system)

- Regardless of the form and the quality of the material of a paint part, construction is possible.
- Selection of various colors is possible.
- For quick drying, construction is easy, and a construction period will be short.
- It is nonflammable and poisonous gas is not generated in the cases, such as a fire.
- Large curtailment of life cycle cost is possible.
- Although it is possible to use for various uses immediately as a HLG system because we have already developed 50 or more kinds of methods of construction, when it is going to paint to the basis material from a method-of-construction uncivilized (paint subject), a fixed method-of-construction development period and a fixed trial employment period are required.