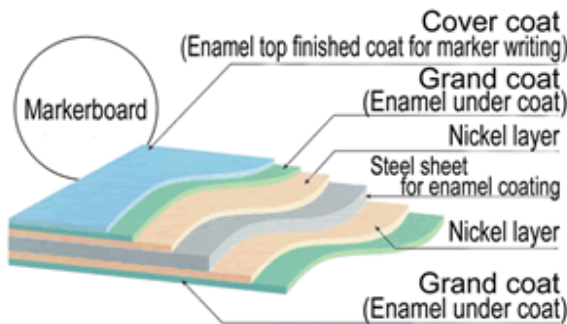


ENAMEL PORCELAIN BOARD CHARACTERISTICS

Illustration of cross sectional structure



Features

Easy to write on & easy to read

Flat and smooth surface makes writing comfortable with a marker pen, and clear line- edge offers users easy reading.

Rust proof (corrosion)

Dual-layer structure (top & under coat layer) of thick enamel coating guarantees no rusting.

Easy to erase

Smooth surface helps users erase writing easy and clean by using a marker eraser.

Acid resistance

Glazed surface with excellent chemical resistance withstands for longer use and demonstrates no deterioration of enamel against various solvents such as toluene, benzene or alcohol.

Easy to maintain cleanliness

Panel surface can be always maintained sufficient cleanliness by using a marker eraser and further beauty appears by wiping out with water contained cloth and dry cloth.

Durability

Hard vitreous enamel coated film made through glazing at high temperatures can provide wear resistance, impact resistance and scratch resistance.

Surface roughness

The smooth surface was generated by blending of glazes and special glaze coated techniques. This could improve ease of writing and erasability.

Specifications

Specification	Standard	Wingkok Enamel Porcelain
Top coat thickness	R 4301 ISO 2178	120~135 μm
Steel thickness	G 3133	0.30~0.48mm
Reverse coat thickness	R 4301 ISO 2178	25 μm
Color difference from standard	K 5600	$\Delta E=1.5$ or less
Gloss level (Gs 45)	Z 8741 ISO 2813 ISO 7668	50~98%
Mohs hardness	EN 101	6.5
Wear resistance performance/ Taper type wear resistance test	-	0.9 mg
Impact resistance	R 4301 ISO 4532 DIN 51155 (<2mm)	20N or more
Solvent resistant test: Toluene, Acetone, Alcohol, Benzene, Xylene, Oil	DIP25°C, 1000 hrs	No change
Surface roughness	B 0601 ISO 4287	0.98 μm
Marker adhesion	S 6052	Good
Marker erasability	S 6052	Excellent
Adhesion (3 Squeezed Eriksen Test)	K 5400	Although cracking is observed, there is no peel off.

Warranty Period

Surface warranty of 5 years is provided.