



青 岛 市 采 田 工 业 材 料 有 限 公 司

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TECHNICAL DATA SHEET

PRODUCT: Anti-Slip Frosted White Enamel 4395T-2P8

APPLICATION:

This enamel is suitable for glass floor, glass stairs, glass wall etc.

Product Characteristics:

Color (Humter ER20)	Frosted White ($\Delta E \leq 0.50$)
Fired surface appearance	Matt
Solid content	$\geq 80\%$
Fineness of grind	$\leq 50\mu\text{m}$
Thermal expansion coefficient	$(85 \sim 95) \times 10^{-7}/\text{K} (50-300^\circ\text{C})$
Softening point	$680^\circ\text{C} \sim 720^\circ\text{C}$
PTV(Pendulum Test Value)	11-18
Optical Density (wet film 25um)	≥ 2.0 OD
Viscosity (25°C, NDJ79 viscometer)	350 ± 50 dPa.s
Shelf life (Unopened Store at 5-25°C)	12 months

Chemical Resistance:

Alkali Resistance:

According to ASTM C724-1991

Soaked in 10% NaOH 10-15min, no sharp trace on the surface.

Acid Resistance:

According to ASTM C724-1991,

Soaked in 3.5% HCl 10-15min, no sharp trace on the surface.

Application Parameter:

Printing room temperature	23-27°C
Room humidity	40-60%
Silk screen	72-100T
Wet film thickness	30-40µm
Drying conditions (IR)	150°C/5min
Firing conditions	650-720°C/3-8min
Mixing conditions	Enamel: Thinner=3%-8%
Thinner	8008-2