



MIROTONE



GLASS PAINT



ICA – GLASS PAINT: ITALIAN HIGH PERFORMANCE COATINGS

STANDARD SOLID AND METALLIC COLOURS

DESCRIPTION

ICA Glass Paint range (GP Series) is a high performance paint to produce both solid and metallic colours on glass substrates. The system is a waterborne paint consisting of a single application stage; and a white or light grey backing coating can be applied to further enhance opacity if required.

PRODUCTS

1. GP Series Coloured paint based on any of the three binders:
 - GPAO733B Light colours
 - GPAO734 Vivid or concentrated colours and
 - GPVMAT for metallic colours.
2. AD33 Adhesion promoter additive for ICA water-based paint for glass substrates
3. MIROTEC1350 Demineralized water to adjust viscosity of ICA water-based paint

SUBSTRATES

Flat glass and moulded glass properly cleaned and degreased with MIROCLEAR 9605 (IPA based cleaning agent).

PRODUCT PREPARATION AND PHYSICAL DATA

Description	Product Code	Mix Ratio by Weight	Pot Life	Shelf Life Months	Specific Gravity kg/lt	Consumption g/m ²
Glass Paint Series (GP)	GP Solid Colours	100 : 2: 10	24 hr		100 to 120 Depending on the product	70 – 150
	GP Metallic Colours	100 : 2: 10	24 h		1.05 ± 0.05	80 – 120
	GP Colour	1000 g (1 Kg)		24 M	1.10 ± 0.05	
	AD33	20 g		12 M	1.07 ± 0.05	
	MiroTec1350	50 to 150 g		48 M	1.00 ± 0.05	

Components have to be mixed under mechanical agitation.

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PRODUCT APPLICATION

ICA GP Series

Apply one coat in cross coat pattern spray painting. Maximum two coats. It can be also applied by roller and curtain coater machines.

Deliver 70 to 140 gr/m². If required, apply one coat of white or grey backing.

APPLICATION EQUIPMENT

Spray guns: conventional, HVLP, AIRMIX® or robotic equipment set up with 1.6 to 1.8 mm.

Roller: by roller adding 2% AD114EC (Thickening Additive).

By curtain coater application with gear pumps and filter cartridges to decrease the quantity of air in the product, it is necessary to lower the application viscosity to DIN 4 80-120" with MIROTEC1350 (D.I. Water) or AD104 Fluidity Additive adding 3% to 5%

DRYING TIMES

Touch dry: 60 to 90 minutes at 23 °C and 60% R.H.

Full dry: 2 to 7 days 23 °C and 60% R.H.

Forced Dry: 30 min at 60 °C or
4 min at 140 °C

Stackable: Wait at least 24 hours at 23°C and 60% R.H.

These times apply to laboratory standard conditions, they may vary depending on room temperature and humidity of the environment as well as quantity of air moving in the application area.

HEALTH AND SAFETY

Before handling, refer to the Material Safety Data Sheets for health and safety information of products involved. Ensure that all personnel using this product have read and understood this data sheet and the associated MSDS and packaging labels before using the products.

DISCLOSURE

The information in this product information sheet represents typical values. Application variables affect product performance therefore this information should be used as a guide. The user must satisfy themselves as to the suitability of this product for their requirements. Mirotone assumes no liability for use of this information or the outcome.