



GPW6101T99

Detailed Description

Technical Description

TRAN.WB MONO.THER.GLOSS

TRANSPARENT WATER-BASED MONOCOMPONENT THERMOSETTING GLOSS

Water-based transparent monocomponent thermosetting gloss for glass.



Main Data

Primary Sector	✓ Glass
Main Features	
Line of product	

Chemical and Physical Properties

Gloss Notes	Glossy
--------------------	--------

Instructions for use


Pigmentability	The product can be pigmented: refer to the "Pigmented coatings" manual or ask technical assistance service.
-----------------------	---

Substrate

Substrate	✓ Glass
Substrate preparation Notes	Before the application, in necessary, remove impurities on the surface (dust, grase, fingerprints and waxes). It is recommended to flame the support.
Substrate information	All general information refers to ICA Group products



Application

Additive	Additive	% in weight	% in volume	How to add
	AD33	2.0	2.0	Mix mechanically
Product preparation notes	Add the AD33 adhesion promoter additive flush during the mixing of the product, and mix for at least for 2 minutes. AD33 additive will give adhesion to glass for 24 hours.If necessary, diluite with demineralized water up to reach application viscosity. If the product with additive won't be used within 24 hours, it should be discarded.			
Application	Application	Application Notes		
	Electrostatic spray gun with rotating cup	from 25000 to 35000 rpm with viscosity 15-20" DIN4		
	Spray-paint	noozle 0.8-1.2 mm with application viscosity from 15 to 35" DIN4. Atomization air 1- 2.5 bar.		
	Electrostatic turbo disk spray gun	from 15000 to 25000 rpm with viscosity 15-35" DIN4.		
Quantity per coat (g/sqm)	Quantity per coat (g/sqm)	Max quantity (g/sqm)		
	50	120.0		
Overcoatings Notes	Once completely dried, the product cannot be repainted.			

Drying


Completely dry	Initial drying at room temperature (20°C and 60% RH) for 20 min., then complete drying at 130°C (on glass) for at least 30 min..
Drying and cross-linking information	The figures indicated serve as a guide and are for reference. The drying time depends on the substrate, coat thickness, temperature, relative atmospheric humidity and ventilation.

Specification of supplied product

Analysis	Value			Un. Measure	Method
Flow Cup Viscosity	DIN Cup 4	40.0	± 5.0	Seconds	DIN 4 Viscosity - MP04
pH		8.7	± 0.5		pH (u.pH) - MP13
Specific Gravity		1.03	± 0.05	g/ml	Density (g/ml) - MP01



N.B.

Shelf life (days)	365.0
Storage Information 	For intact and correctly stored product Store at temperatures above 5°C and below 35°C
N.B.	Mix well before use. Store the product at temperatures between 5°C and 35°C. For further information please contact the technical assistance network.

Viscosity Notes

The quality control value of the viscosity refers to the product immediately after checking. Any variations of the data specified in the technical data sheet could be due to circumstances such as length and conditions of storage.

Legal notice

The working method, the application conditions, the production cycle, the use of machinery, the ambient conditions, the characteristics of the supports used, the place of use, are beyond our control and our obligations. Therefore it is essential that you test our products and the information supplied by us to make sure that they are satisfactory and suitable for the use and application methods that you intend them for and for the results you wish to achieve. This specific analysis is exclusively your responsibility and must include assessment of suitability from a technical and procedural, environmental, health and safety point of view. Any written or verbal information given by our technical and/or commercial personnel is purely to illustrate the product and help the client, and does not constitute instructions or consultancy, which remains expressly excluded. The above mentioned written or verbal information is subject to changes without prior notice and does not imply any acceptance of responsibility by our company to you and to third parties. The product is supplied in perfect conformity with the contents of this document; we therefore guarantee the consistency of the chemical-physical characteristics of the product taking into account the allowances and data contained in our technical data sheets.

The technical data sheets may be subject to modifications and revisions and therefore it is your responsibility to ensure that you have the latest data sheet by accessing our "company portal" www.icagroup.info.

Any declarations or recommendations or advice not contained in this documents are not authorized, and are not binding for our company and do not determine acceptance of responsibility on our part.