Technical Data Sheet
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IS208
Detailed Description **2K CLEAR SB BARR.**
Technical Description 2K CLEAR SB POLYURETHANE BARRIER
Clear polyurethane barrier, suitable for cycles on MDF.

Main Data

Primary Sector 	✓ Indoor furnitures ✓ Indoor fittings
Main Features	Outstanding Resistance to overcoating

Chemical and Physical Properties

Physical state notes	Clear liquid		
Solid Content %	52 ± 2		
Yield	**Min**	**Max**	**UM**
	7.7	10.0	m2/Kg
	323.6	420.3	sqft/gal

Instructions for use

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

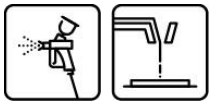
Substrate

Substrate	✓ MDF ✓ Bare solid wood or veneer
Substrate preparation	✓ Sand the bare wood with grain 150 and then with grain 180 paper. Dust carefully with compressed air. 
Substrate information	All general information refers to our products

Application

Hardener	**Hardener**	**% in weight**	**% in volume**	**Pot life (h)**	**How to add**
	C265	50.0	50.0	6	Mix mechanically
	C263	50.0	50.0	6	Mix mechanically

Thinner	**Thinner**	**% in weight**	**% in volume**	**How to add**
	D1010	20.0	20.0	Mix manually
	D1007	20.0	20.0	Mix manually

Product preparation	Dilute 10% to 20% by weight, or by volume, depending on application needs.	
Application 	**Application**	**Application Notes**
	Spray-paint	With cup airbrush, 1.8 to 2 mm nozzles and 3 atm air pressure are recommended.
	Curtain coater	Maintain operating viscosity by periodically replenishing the solvent lost through evaporation.

Quantity per coat	**Min Quantity**	**Max quantity**	**Un. Measure**
	100	130.0	g/sqm
	3.8	4.9	wet mils
Number of coats	One		
Overcoatings Notes	Can be overcoated with polyurethane and polyester basecoats 3-6 hours after application, without sanding. After this time, sanding with P 240/280 grit paper is essential.		

Drying

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Touch dry (23°C-73°F 50% RH) (h)	0.4 
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	Ford Cup 4	110.0	± 10.0	Seconds	F.C.4 visc. 20°C (sec) MP04
Specific Gravity		1.12	± 0.05	g/ml	Density (g/ml) MP01
		9.3	± 0.05	lb/gal	Density (lb/gal) MP01
Fineness		30.0	± 10.0	µm	Fineness (µm) MP12

N.B.

Shelf life (days)	730
Storage and use Information	Store in a cool, dry place protected from light sources. Close the package after using. Store at temperatures above 5°C (41°F) and below 35°C (95°F) 

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.
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