



VOLKOM

PORTAFOLIO

Solutions for the Industry



CONSTRUCTION



PACKAGING



MANUFACTURING



WOOD

Additives

Carton and Paper Treatment

The Cartowax® line has been designed to improve the properties of cardboard boxes, with special additives that optimize each application system.

Cartowax® guarantees an effective barrier against moisture, while also providing exceptional flexibility and durability.



Code	Product Name	Application System	Presentation	Melting Point °C ASTM D127	Softening Point °C ASTM D938	Penetration Point dmm ASTM D1321	Color ASTM D1500	Applications
1503	Multrend PA 1503	Roller	Pastilles	87 - 92	76 - 80	5 - 12	0 - 0.5	Trays/Boxes
1546	Cartowax® Cascading	Inmersión / Roller	Pastilles	-	59 - 62	-	23 - 30*	Agricultural Box
1550	Cartowax® 1550	Roller	Pastilles	88 - 93	73 - 80	4 - 11	0 - 0.5	Trays/Boxes
1553	Cartowax® Medium	Roller	Pastilles	58 - 62**	-	9 - 17	25 - 30*	Agricultural/Industrial
1562	Cartowax® TH	Roller	Escamas	57 - 63**	-	8 - 14	0.5 - 2	Agricultural/Industrial
1563	Cartowax® PRTH1	Roller	Pastilles	77 - 91	69 - 74	4 - 15	0 - 2	Agricultural/Industrial
1565	Cartowax® TH3	Roller	Escamas	58 - 62	-	8 - 14	0 - 1.5	Agricultural/Industrial

* Color ASTM D156

** Melting Point USP 741 Clase II

Hot Melts

Thermoplastic adhesives (Hot Melts) are materials that, when applied in a liquid state, bond to the surface as they cool.

Their main advantages include:

- Solid adhesive at room temperature, easy to handle, store, and transport.
- Excellent adhesion to cardboard.
- Can be used on porous and non-porous surfaces.
- High strength and durability, even in humid environments, extreme temperatures, and chemical exposure.
- Instant bonding without drying or curing time.
- No need for additional fastening.



Code	Viscosity at 160°C (Brookfield, Thermosel System) ASTM D3236	Viscosity at 1680°C (Brookfield, Thermosel System) ASTM D3236	Softening Point (R&B) ASTM E.28	Open Time (MC 129 at 160°C) Typical Value	Open Time (MC 129 at 180°C) Typical Value	Setting Time (MC 129 at 180°C) Typical Value
C16	1700 ± 400 mPa·s	-	115 ± 7 °C	3 - 5 s	-	1 s
C34	1400 ± 300 mPa·s	-	112 ± 7 °C	8 - 10 s	-	4 s
C88	1000 ± 200 mPa·s	-	108 ± 5 °C	6 - 7 s	-	1 s
B109	-	7 950 mPa·s	94.0 °C	-	25 s	5 s
B370	-	3 000 ± 600 mPa·s	92 ± 5 °C	-	28 - 30 s	2 s
B2808	-	3000 ± 450 mPa·s	101 ± 5 °C	-	10 - 15 s	5 - 10 s

Defoamer

AF-14 Defoamer at 15% total non-ionic active is used in industrial processes such as the textile industry, wastewater treatment, fermentation, cellulose and paper, dispersion resins and dispersion paints, adhesives, industrial detergents, personal care, dyeing processes up to 110 °C, coatings, and textile finishes, among others.

It can be more easily added if diluted with a portion of the system where the foam issue occurs, at a ratio of 1:2 with the diluent, or simply with water. This allows the Defoamer AF-14 to integrate more easily into the system. Recommended dosage: 10-100 ppm (0.1-1%).



Product	Appearance	Color	Solids Content, %	pH at 25°C
AF-14 Deformer	Liquid	Milky White	14.0 - 16.0	6.0 - 9.0

SIMA

Integrated Solutions for Wood

Within the SIMA family, you'll find Resanador de Cantos PX1, a pigmented, high-viscosity filler designed to highlight the unique features and versatility of wood. Formulated with nitrocellulose, resins, and special pigments, it provides excellent coverage, adhesion, and a smooth, uniform, high-quality finish. Ideal for use on particleboard and MDF.

With its beige color base, Resanador de Cantos PX1 stands out for its fast drying time and effectiveness in sealing pores in wood materials. It is compatible with solvents such as toluene and acetone, which facilitates integration into different application systems.



Code	Product	Density	Viscosity	Touch Dry	Sanding Dry	Retouching Dry	Adhesion
80500	Edge Sealer PX1	1.5+/- 0.1 kg/L	270,000 – 350,000 cPs	10 min.	30 min.	2 - 3 hrs.	100%

Emulsions

Emulsions are products made of waxes (natural, petroleum-derived, or synthetic) dispersed in water, either in their original composition or modified, using an emulsifier.

Their main function is to facilitate the transport of the active content (wax) and ensure a uniform evaporation of water, improving impregnation on the treated surface.



Code	Product	Presentation	% Solids MA-CC8-38	Density gr/ml D-1298	pH MA-CC8-47	Viscosity cPs MA-CC8-10
3059	Emulwax 3059	Liquid	46 - 52	0.9 - 1	9 - 11	20 - 300
3066	Emulwax 3066	Liquid	46 - 52	0.9 - 1	9 - 11	20 - 300
3088	AKD Wax Emulsion	Liquid	13.5 - 14.1	-	3 - 5	0 - 300

SUSTAINABILITY

At Volkom, we decided to make Sustainability a key pillar in the transformation of our business, directing efforts to contribute to solving global challenges.

Our goal is to create shared value for all our stakeholders through the sustainable use of biodiversity and the responsible development of communities. The result: high-quality products that meet the challenges and objectives of our clients.

Check our Annual
Sustainability Report



With more than 25 years of experience, we help you
optimize your formula!

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channels.

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www.corzengroup.com

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This catalog is intended to serve only as a guide for the user. The information is provided through typical values and is based on our best knowledge and in-house testing.

However, it is the user's responsibility to test and approve each product for its intended use. Multiceras guarantees that each of its products is manufactured according to the specifications defined in the technical data sheet in effect at the time of production.

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