

Waterborne Coating Systems

for the Fenestration Industry

ADD VALUE
to **Windows**
and **Doors**

*Coating the World...
Without Costing the Earth*



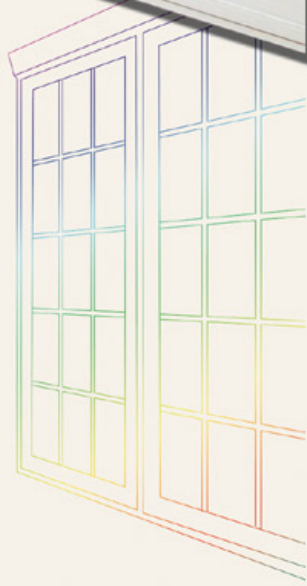
AquaSurTech
OEM

www.aquasurtech-oem.com

AquaSurTech OEM

D200

Waterborne Coating Systems for the Fenestration Industry



D200 is a **high performance** single application exterior waterborne coating system **designed for direct application** (no primer) to PVC, Cellular PVC, Fiberglass and Aluminum.

Extremely **fast air dry** and **quick clean up** will provide you with a **low cost process** suited to both in-factory and on-site application.

D200 is formulated with **heat reflective pigments** to minimize heat gain for dark colors, and is considered non-hazardous by EPA standards.

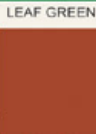
D200 **exceeds all environmental and performance standards** (meets AAMA 615).

Opportunities and Advantages

- **Join the vast customer base and add value to windows, doors, siding, shutters, fencing or convert unsold inventory** (including capstock).
- **Minimal space and equipment requirements** make painting in-house feasible even small batch environments. AquaSurTech can provide equipment selection assistance and training for personnel.
- **High transfer efficiency:** the HVLP process and D200 provides excellent coverage resulting in an extremely cost effective solution.

D200

- **Easy Application** in the field allows for field touch ups with no halo effect. D200 is perfect for refurbishing existing oxidized or faded surfaces.
- **A proven track record and the best manufacturer's warranty in the industry** allows you to confidently apply D200 without fear of peeling, blistering, or fading providing a service life of 20+years.
- Whether you paint lineals or boxes (squares), **painting in house saves up to 70%** and improves delivery times dramatically.



Very Fast Drying

Low Cost Equipment

Long Service Life



D200 Process Advantages

- **Hundreds of colors available** with quick turnaround color matching service.
- **No primer** required when coating PVC.
- Both factory and field prep is as simple as a wash down with AquaSurTech's biodegradable Hurrisafe Cleaner.
- **Water is used for cleanup.**
- **Painted surface can be cut** and welded with only minor touchups required in weld zone.
- **Suitable for low cost HVLP.**
- **1.2 mil. dry film thickness** provides a smooth "factory finish".
- **Ideally suited for both field and in plant (OEM)** applications.
- **Requires minimal equipment investment.**
- **Can be applied in a wide range of temperature** and humidity conditions.
- **Safe, odorless, and non-toxic.**
- **Quick drying,** ship painted product within hours.



D200 Properties

- **Passes Test Requirements for AAMA 615** (Organic Coatings on Plastic Substrates).
- **Low Heat Absorption** (delta T) due to superior product formulation and additives (tested to ASTM D 4803-93 - see table below).
- **Quick Air Dry** - 20 minutes @ 50% humidity, 75 F or 8 minutes under IR.
- **Excellent Adhesion and Abrasion Resistance.**
- **Excellent Elasticity** can withstand thermal expansion.
- **Excellent Impact Resistance:** no chipping.
- **Excellent Hardness**
- **Shelf Life 1 year.**
- **Non-photochemically reactive.**
- **Long term color retention.**
- **Chemically Resistant:** acetone, MEK, lacquer thinner, window cleaner, acid rain and other pollutants.

Environmental Advantages

- **Low VOC.**
- **Non-flammable.**
- **Lead and Chromate Free.**
- **Non Hazardous Material.**
- Courier shipping through out **North America**

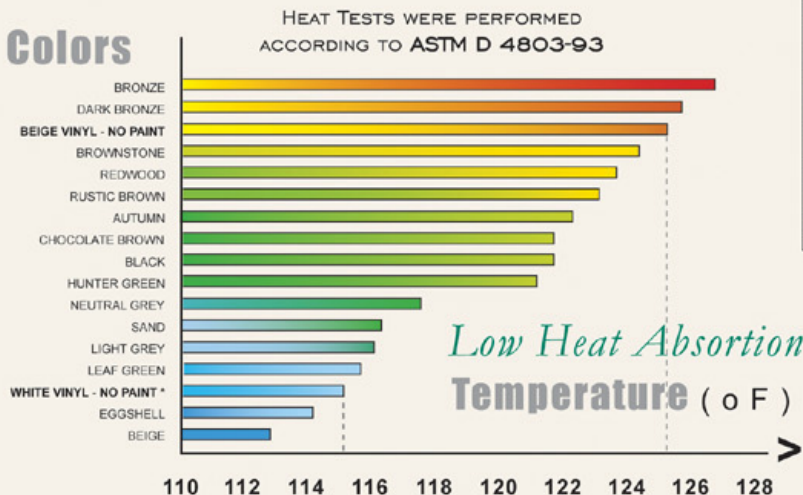
Accelerated Weathering Data for uPVC Profile

SUNTEST XLS-XENON ARC LIGHT SOURCE

Sample ID	STD	Sample	Delta	Sample	Delta	Sample	Delta
		1000 hrs.		2000 hrs.		5000 hrs.	
Uncoated White Vinyl							
L*	92.95	91.85	-1.1	78.05	-14.9	76.7	-16.25
a*	-1.18	-1.43	-0.25	0.5	1.68	2.34	3.52
b*	3.19	5.79	2.5	13.15	9.96	24.75	21.56
DE			2.83		18		27.2
White D-200							
L*	95.84	95.83	-0.01	95.41	-0.43	95.22	-0.62
a*	-0.71	-0.73	-0.02	-0.84	-0.13	-0.88	-0.17
b*	1.97	1.59	-0.38	1.73	-0.24	2.87	0.9
DE			0.38		0.51		1.11
Clay							
L*	63.75	63.4	-0.35	63.15	-0.6	62.9	-0.85
a*	1.3	1.7	0.4	1.89	0.59	1.94	0.64
b*	10.7	10.88	0.18	10.87	0.17	10.9	0.2
DE			0.66		0.64		1.08
Cream							
L*	78.2	78.56	0.36	79.3	1.1	79.24	1.04
a*	0.1	-0.31	-0.41	-0.66	-0.76	-1.39	-1.49
b*	17.87	17.62	-0.15	17.53	-0.34	18.34	0.47
DE			0.57		1.37		1.88
Green							
L*	27.83	27.44	-0.39	27.85	0.02	27.43	-0.4
a*	-19.59	-18.49	1.1	-17.6	1.99	-17.38	2.21
b*	7.05	5.85	-1.8	4.34	-3.1	-4.25	-3.4
DE			2.14		3.7		4.1
Brown							
L*	19.83	20.51	0.68	20.53	0.7	20.63	0.8
a*	11.51	11.21	-0.3	11.79	0.28	11.87	0.36
b*	10.75	10.48	-0.27	11.72	0.97	12.17	1.42
DE			0.8		1.23		1.67

HEAT GAIN of Colors

Colors



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Who is AquaSurTech OEM?

WITH OVER **24 YEARS OF HANDS-ON EXPERIENCE** IN THE FIELD OF WATERBORNE COATING TECHNOLOGY, AQUASURTECH OEM IS PROUD TO OFFER ITS UNIQUE TECHNOLOGY SPECIFICALLY FORMULATED FOR THE REQUIREMENTS OF THE ARCHITECTURAL INDUSTRY.

WITH AN **ISO APPROVED** MANUFACTURING FACILITY AND OUR OWN IN-HOUSE PAINT SHOP, AQUASURTECH OEM'S VERTICAL INTEGRATION IS IDEALLY SUITED TO HELP GUIDE YOU THROUGH THE SIMPLE STEPS REQUIRED TO "SET UP SHOP" AND BECOME CERTIFIED.

ALTERNATIVELY, YEARS OF EXPERIENCE IN APPLYING WATER BASED COATINGS QUALIFY AQUASURTECH TO HELP YOU IDENTIFY AND TRAIN AN APPROVED APPLICATOR IN YOUR AREA.

A WIDE RANGE OF COMPLEMENTARY WATERBORNE PRODUCTS, PRIMERS, STAINS, CLEAR COATS ARE AVAILABLE FOR ANY ARCHITECTURAL APPLICATION.



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WARRANTY

Since D200 is a specialized coating, the coating is guaranteed under normal conditions for a period of fifteen (15) years, against weathering, specifically, but not limited to, "peeling or blistering on the applied surface and significant ultraviolet discoloration" caused by natural environmental atmospheric conditions. Should D200 fail, AquaSurTech OEM will replace the paint free of charge.

This warranty may be extended to an **Application Warranty** if the specific application have been pre-approved and the application has been certified by AquaSurTech. Consult factory for details.