



# AquaSurTech

Waterborne Plastic Coating System

*PVC-100*



*Painting the World...  
Without Costing the Earth*

**LOW COST EQUIPMENT**  
**VERY FAST DRYING**  
**LONG SERVICE LIFE**  
**ENVIRONMENTALLY FRIENDLY**



# AquaSurTech

## PVC-100

Waterborne Plastic Coating System



PVC-100 is a **high performance** single application waterborne exterior and interior coating system **ideally suited for direct application** (no primer) to PVC, Foamed PVC, Fiberglass and most other plastics.

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.

PVC-100 is formulated with a **heat reflective pigment** to minimize heat gain for dark colors, and is considered non-hazardous by EPA standards.

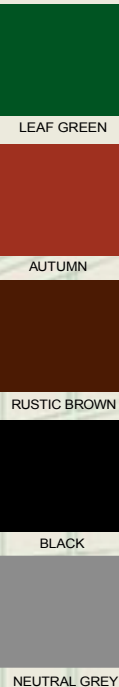
PVC-100 **exceeds all environmental standards** for air quality and worker safety (**meets AAMA 615**). AquaSurTech will work with you to qualify your application, specify equipment and train your personnel.

## Opportunities and Advantages

- **Paint windows, doors, siding, shutters, fencing** or unsold inventory (including capstock).
- **Minimal space and equipment requirements** make painting in-house feasible even for very low volume and small batch environments.
- **High transfer efficiency:** the HVLP process and PVC-100 provides excellent coverage resulting in an extremely cost effective solution.

### PVC-100

- **Easy Application** in the field allows for field touch ups with no halo effect. PVC-100 is perfect for refurbishing existing oxidized or faded surfaces.
- **A proven track record and manufacturer's warranty** allow you to confidently apply PVC-100 without fear of peeling, blistering, or fading providing a service life of 15+years.
- **Painting in house saves up to 70%** and improves delivery times dramatically.



*Very Fast Drying*

*Low Cost Equipment*

*Long Service Life*



EGGSHELL

LT. GREY

CHOC. BROWN

REDWOOD

# PVC-100 Process Advantages

- **No primer** required when coating PVC.
- Both factory and field **prep is as simple as a wash down** with AquaSurTech's biodegradable Rinseless Decontaminator.
- **Water is used for reduction and cleanup.**
- **Painted surface can be cut** and welded with only minor touchups required in weld zone.
- **Suitable for low cost HVLP** (less than \$3K investment) , Vacuum and other painting processes are also possible.
- **1.2 mil. dry film thickness** provides a "factory finish", even after multiple applications.
- **Ideally suited for both field and in plant** (OEM) applications.
- **Requires minimal exhausting equipment.**
- **Can be applied in a wide range of temperature** and humidity conditions.
- **Safe, odorless, and non-toxic.**
- **10 year warranty.**

## PVC-100 Properties

- Available in **15 standard colors**, custom colors available.
- **Low Heat Absorption** (delta T) due to superior product formulation and additives (tested to ASTM D 4803-93 - see table below).
- **Available in semi-gloss or gloss finish.** Full gloss 80-85% at 60 degree glossometer.
- Finish coat coverage: 650 sq. ft / gal., or 1950 linear ft./gal. for a 4" wide profile.
- **Quick Air Dry** - 20 minutes @ 50% humidity, 75 F ( Forced Curing with Ovens is Optional).
- **Air cure** - 80% in 72 hours (acceleration possible). Full cure in 7 days.
- **Excellent Adhesion** and Abrasion Resistance: CS17 Wheel, 1000 gm load (100 mg. loss /1000 cycles).
- **Excellent Elasticity** can withstand thermal expansion.
- **Excellent Impact Resistance:** 180 inch pounds.
- **Excellent Hardness** : HB+ out of can, 2H+ with hardener added.
- **Shelf Life 1 year.**
- **Passes Test Requirements for AAMA 615** (Organic Coatings on Plastic Substrates).
- **Non-photochemically reactive.**

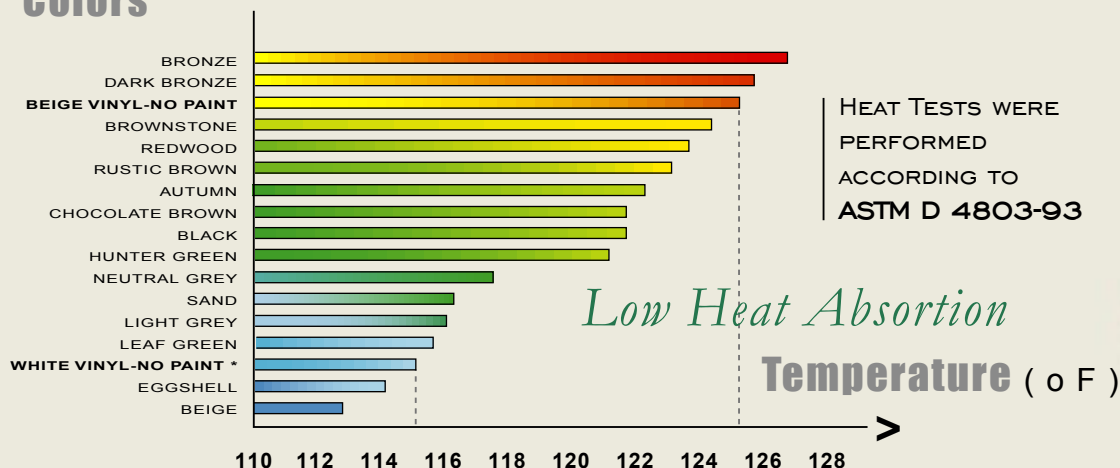
## Environmental Properties

- **Low VOC:** less than 220 grams/liter.
- **Non-flammable.**
- **Solvent Resistant:** acetone, MEK, lacquer thinner, window cleaner, acid rain and other pollutants.
- **Lead and Chromate Free.**

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**PVC-100**

## HEAT GAIN of Colors

### Colors





# Who is AquaSurTech Coating Products?

WITH OVER **20 YEARS** OF HANDS-ON EXPERIENCE IN THE FIELD OF WATERBORNE COATING TECHNOLOGY, AQUASURTECH IS PROUD TO OFFER ITS UNIQUE PVC 100 COATING SPECIFICALLY FORMULATED FOR THE REQUIREMENTS OF THE PVC MARKET.

WITH AN **ISO APPROVED** MANUFACTURING FACILITY AND OUR OWN IN-HOUSE PAINT SHOP, AQUASURTECH HAS THE ABILITY TO GUIDE YOU THROUGH THE SIMPLE STEPS REQUIRED TO "SET UP SHOP".

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



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## WARRANTY

Since PVC-100 is a specialized coating, the coating is guaranteed under normal conditions for a period of ten (10) years, against weathering, specifically, but not limited to, "peeling or blistering from/on the applied surface and significant ultraviolet discoloration" caused by natural environmental atmospheric conditions. Should PVC-100 fail, AquaSurTech will replace the paint free of charge.

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