



## **WOOLSEY® POOL PAINT**

### **INSPECTION & MAINTENANCE PROGRAM**

#### **1.0 Program Overview**

**System:** Woolsey® Pool Paint Systems (Epoxy, Acrylic, Synthetic Rubber)

**Service Life Planning Horizon:** 2–8 Years (based on coating type)

#### **Objective:**

Preserve coating adhesion, maintain color and sheen, protect substrate integrity, and maximize service life through proper water chemistry, routine inspection, and preventative maintenance.

Proper maintenance is essential to:

- Maintain coating adhesion and film integrity
- Prevent premature wear, staining, or blistering
- Protect underlying concrete, plaster, or fiberglass
- Extend repaint cycles and reduce lifecycle cost

#### **2.0 Years 1–2: Stabilization & Monitoring Phase**

This is where most coatings either thrive... or quietly start to fail if chemistry isn't controlled.

#### **2.1 Monthly Water Chemistry Monitoring (Critical)**

Maintain proper water balance at all times:

- pH: **7.2 – 7.6**
- Total Alkalinity: **80 – 120 ppm**
- Calcium Hardness: **200 – 400 ppm**
- Chlorine: **1 – 3 ppm**

#### **Watch for:**

- Etching (low pH)
- Scaling (high calcium)
- Fading or bleaching (over-chlorination)

Water chemistry is the #1 driver of coating life in submerged environments.

#### **2.2 Quarterly Visual Inspection**

Inspect pool surfaces for:

- Discoloration or fading
- Staining (organic or metal)
- Early signs of chalking
- Surface roughness or wear patterns
- Blistering or pinholes

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### **Documentation (Recommended):**

- Date of inspection
- Chemical readings
- Photos of any changes
- Corrective actions taken

### **2.3 Routine Cleaning**

**Frequency:** Weekly to monthly depending on use

#### **Recommended:**

- Soft nylon brushing
- Standard pool vacuuming
- Mild, non-abrasive cleaners

#### **Avoid:**

- Stainless steel brushes (on painted surfaces)
- Abrasive pads
- Direct chemical dumping on surfaces

### **3.0 Years 3–5: Wear Management Phase**

At this stage, coatings begin showing normal wear depending on traffic, chemistry, and UV exposure.

#### **3.1 Annual Condition Assessment**

Focus on:

- Steps, entries, and shallow areas (high traffic)
- Waterline exposure zones
- Areas with recurring staining
- Previous repair locations

#### **3.2 Targeted Maintenance**

Where wear is identified:

- Clean and prep affected area
- Lightly abrade for adhesion
- Perform spot repairs with compatible Woolsey coating
- Feather edges for uniform appearance

Always confirm compatibility before recoating (especially across coating types).

### **4.0 Years 2–8: Recoat & Lifecycle Extension** (based on coating type)

#### **4.1 End-of-Cycle Evaluation**

Evaluate:

- Overall color uniformity
- Gloss retention (epoxy systems)
- Film integrity and adhesion
- Extent of exposed substrate

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## 4.2 Recoating Guidelines

Typical repaint cycles:

- **Epoxy:** 5–8 years
- **Synthetic Rubber:** 3–5 years
- **Acrylic:** 2–3 years

### Recoat Process Overview:

- Thorough cleaning and degreasing
- Removal of loose or failing coating
- Surface profiling (as needed)
- Application per current technical data sheet

## 5.0 Environmental & Usage Considerations

Service life is influenced by:

- Water chemistry control
- UV exposure (outdoor pools)
- Frequency of use
- Cleaning methods
- Winterization practices
- Substrate condition at time of application

Poor chemistry control can reduce coating life by **50% or more.**

## 6.0 Best Practices for Maximum Performance

- Maintain consistent water chemistry year-round
- Never dump chemicals directly onto painted surfaces
- Brush and clean regularly to prevent buildup
- Address stains early
- Winterize properly to prevent coating stress
- Inspect annually and document changes

## 7.0 Summary

Woolsey Pool Paint systems are designed for durability and long-term performance. A structured maintenance program ensures:

- Extended coating life
- Consistent appearance
- Reduced maintenance costs
- Protection of the underlying structure

**A well-maintained pool coating isn't just paint—it's an asset that performs season after season.**

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