



Iron Valor CrossFit Mural Maintenance Plan

1. Paint Specifications

- **Paint Type:** *Montana Colors MTN 94* — synthetic matte finish aerosol spray paint, designed for exterior murals with high pigment load and weather resistance

- **Color Palette & Codes:**

The mural will exclusively utilize MTN 94 Spray Paint in the following colors:

- *Shadow Black*
- *Judea Brown*
- *Solar Orange*
- *Pearl Grey*
- *Native Grey*
- *Turquoise Green*
- *Erasmus Green*
- *Bali Green*
- *Perseus Blue*
- *Navy Blue*
- *Marseilles Blue*
- *Vivid Red*
- *Blood Red*
- *Fever Red*
- *Tana Brown*
- *Kraft Brown*
- *Sundance*
- *Black*
- *White*



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A comprehensive paint log with can codes and batch numbers will be archived at project completion.

2. Surface Preparation & Painting Technique

- **Surface Prep:**
 - Wall cleaned by pressure washing at 2500–3000 psi
 - Existing loose paint, mildew, or contaminants removed
 - Cracks, voids, and imperfections patched with *Sherwin-Williams Loxon Patch and Seal*
 - Primer coat of *Loxon Concrete & Masonry Primer* (or equivalent) applied to ensure adhesion of aerosol paints
 - **Painting Method:**
 - Mural painted exclusively using Montana 94 aerosol spray paints
 - Application techniques include:
 - Freehand spray techniques (soft gradients, fades, clean linework)
 - Cap variations (fat cap, skinny cap, calligraphy cap) for desired line weights
 - Minimum of two coats per color where applicable to ensure opacity and colorfastness
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3. UV Protection Application

- **Protective Product:** *MuralGuard* — a two-component, high-performance, zero-VOC, odorless, water-based aliphatic polyurethane varnish
 - Key features:
 - Provides 10+ years of UV protection



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- Shields against harsh weather, graffiti, corrosion, and chemical exposure
 - Compatible with aerosol surfaces
 - **Application Method:**
 - Applied using a **pump sprayer** in thin, even coats
 - A minimum of **2–3 coats** will be applied with drying time as specified by the manufacturer between coats
 - Application will be conducted in optimal weather conditions (temperatures 50–85°F, low humidity, no direct rainfall forecasted within 24 hours)
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4. UV Protection Reapplication Schedule

- **Inspection:** Annually, each Spring (March–May)
 - **Reapplication:** Every **10 years**, or sooner if inspection reveals diminished protection or wear
 - **Documentation:** All maintenance and reapplications will be recorded.
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5. Ongoing Maintenance & Graffiti Removal

- **Annual Cleaning:**
 - Surface gently washed with soft brush and mild soap/water solution
 - No abrasive cleaning methods (power washing, harsh solvents) to be used
- **Graffiti Removal:**
 - Light graffiti may be removed using MuralGuard-compatible graffiti removers as recommended by the manufacturer