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(August 3, 2015)
Coloration for Shotcrete Facing Finishing Alternative C

If shotcrete facing finishing Alternative C is specified, the Contractor shall provide shotcrete coloration for finishing the sculptured shotcrete to match the color of the natural surroundings. Acceptance of the final appearance of the coloration will be based on the pre-production test panel. Acceptance of the long-term properties of the coloration material will be based on a manufacturer's certification, submitted as a Type 1 Working Drawing which verifies the following to be true about the product:

1. Resistance to alkalis in accordance with ASTM D 543.
2. Demonstrates no change in coloration after 1,000 hours of testing in accordance with ASTM D 822.
3. Does not oxidize when tested in accordance with ASTM D 822.
4. Demonstrates resistance to gasoline and mineral spirits when tested in accordance with ASTM D 543.

Additionally, the certification shall provide the product name, proposed mix design and application method, and evidence of at least one project where the product, using the proposed mix and application method, was applied and which has provided at least five years or more of acceptable durability and color permanency.