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 (403) 697-3127
sales@scrubzero.com

CLEANING METHOD COMPARISON

SOOT PLATE ON ARCHITECTURAL STONE / MASONARY, WHERE PATINA/ORIGINAL FINISH MUST BE PRESERVED / RESTORED

Prepared by: BMS CATASTROPHE CANADA – Ralph M Gerhards (Operations Manager)

Pressure Blast Cleaning Technique	Waste for Disposal	Abrasive	Health Hazard	Electrically Conductive	Performance Comparison
Hot Water	Yes	No	No	Yes	Poor
Steam	No	No	No	Yes	Poor
Water / Surfactant	Yes	No	No	Yes	Limited
Water / Solvent	Yes	No	Yes	Yes	Limited
Aluminum Oxide	Yes	Yes	Silicosis	No	Too aggressive
Metal Shot	Yes	Yes	No	No	Too aggressive
Glass Beads	Yes	Yes	Irrespirable dust	No	Too aggressive
Sodium Bicarbonate	Yes	Yes	Irrespirable dust	No	Loss of patina
Pumice	Yes	Yes	Silicosis	No	Good
Dry Ice CO ₂	NO	NO	NO	NO	Excellent
Sponge Blast	Yes	Yes	Silicosis	No	Loss of Patina
Plastic Beads	Yes	Yes	Irrespirable dust	No	Good

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