

MASONRY RESTORATION CLEANING FLOWCHART

The steps outlined below serve as a guided approach to cleaning conventional and historic masonry. Cleaning should always take place before major repairs and repointing. If performed after, test methods and products for compatibility with repair materials and mortar.

STEP

1

Review construction and maintenance history

STEP

Evaluate substrate types and condition of each

- Multiple substrate types are often present
- Note the condition with regard to fragility

STEP

3

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Determine soiling types

- Identify source of soiling
- Mitigate source if possible

STEP

4

Choose Test Areas

- Choose several methods/products
- Choose areas that are discreet, but representative

STEP

5

6

STEP

STEP

7

STEP

8

Perform Small, then Large Tests

- Hire a skilled masonry restoration contractor or Architectural
 Conservator
- Tests and mock-ups should be performed in multiple locations

Discuss Results with Project Team

- Establish QA/QC, and level of clean before beginning full-scale cleaning
- Retain test areas as reference during full-scale cleaning

Perform full-scale cleaning with

Evaluate Results

periodic quality assessments

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- Review the results to be sure established quality guidlines were met
- Ensure substrate has not been damaged as a result of cleaning through in-situ or lab testing