

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 2 Evaluate Substrate Types

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

STEP 3 Determine Soiling Type

- Identify source of soiling
- Mitigate source if possible

STEP 4 Choose Test Areas

- Choose several methods/products and begin with the least aggressive
- Choose areas that are discreet, but representative

STEP 5 Perform Small & Large Tests
*Do not skip this step

- Use a skilled masonry contractor or professional trained in historic restoration for testing
- Large scale- 3'x3' sections should be tested in multiple locations on the building

STEP 6 Discuss Results with Project Team

- Establish quality assurance, control, and cleaning level before beginning
- Test areas should remain for reference through duration of cleaning

STEP 7 Perform Cleaning with Periodic Quality Assessments

STEP 8 Evaluate Results

- Review the results to be sure established quality guidelines are met
- Ensure substrate has not been damaged as a result of cleaning

