

BASIC ARRISCRAFT CARE AND INSTALLATION

For Residential Applications

Store masonry units on skids above ground and under protective covering.
For extended storage periods, remove plastic wrap and cover material with tarps.

INSTALLATION

Arriscraft recommends a Type N proportion Mortar (1:1:6 ratio) – part Portland cement, 1 part type S Hydrated lime, 6 parts washed masonry sand.

- Lay units with full head and bed joints except when used for weep holes and ventilation.
- Cut and remove extra mortar with trowel as the units are laid.
- Place units to tightly compress mortar. Do not readjust once set.
- Protect installation by means of wood or other sufficiently strong materials, secured in a manner that will not damage or stain the finished surfaces.
- Tool joints when mortar is thumbprint hard. Time depends on mortar properties and weather conditions.
- Tool joints to a tightly compressed surface to achieve the most weather resistance. Concave tooled joints offer the best moisture resistance.
- After tooling, brush excess mortar from the masonry surface with a soft bristle brush.
- Consider pre-dampening the units in hot, dry or windy weather conditions.
- When field cutting masonry units, use a wet saw. Always pre-wet the masonry units with clean water when cutting with a wet saw. Clean units using a stiff fiber brush and clean water. Allow units to surface dry prior to placement in the wall system.
- Arriscraft Masonry units are not suited for paver installations.
- Do not apply water repellent or graffiti proofing sealers to masonry units.
- Ensure adequately sized lintels and proper lintel detailing (per General Shale Engineering Bulletin and International Residential Code)
- Ensure adequate masonry connectors are provided (connector frequency should be doubled at openings and end conditions.
- Consider the need for expansion joints on large residential applications (reference Arriscraft.NOTE P-Building Movement Joints)

CLEANING

- If you clean as you work, there will be no need for aggressive post-construction cleaning.
- Protect the base of the wall from rain-splashed mud and mortar splatters. Use straw, sand, sawdust or other material spread out on the ground, extending approximately 1m (3 feet) away from the wall.
- Cover walls at the end of each workday with protective, waterproof coverings.
- Test a small area before cleaning entire building. Inspect test area 3-7 days AFTER test. Use approved cleaning procedure only.
- Acid-based detergents and cleaners will darken the color of masonry units and may alter the natural texture.
- Completely pre-soak wall to be cleaned before applying any type of cleaning solution. Keep units wet during cleaning and final rinsing.
- Dilute cleaning agent with clean water in amounts approved on the site panel.
- Apply solution to pre-soaked area with a masonry cleaning brush. Cleaning operations should commence at the top of the wall and work their way down.
- Only use medium pressure (300-700 psi) rinsing water. High pressure may change texture and damage mortar joints.

THE KEY TO SUCCESSFUL CLEANING IS A LARGE SOURCE OF CLEAN WATER.

1. Pre-soak the masonry.
2. Dilute the cleaning agent. Use a soft washing brush.
3. Completely rinse all cleaning solution from the wall using high water volume at a controlled pressure (less than 700 psi).

Refer to Arriscraft.CARE in the Arriscraft binder or www.arriscraft.com for more detailed information.

Questions? Contact the Arriscraft Technical Department at 1.800.265.8123