

## DELIVERY, STORAGE AND HANDLING

Upon delivery, isolate units from contact with the ground, vegetation and other material to prevent staining. Stack the units on timbers or platforms at least 3" above ground.

Lift skids with proper slings or forks of sufficient length to prevent damage.

Place polyethylene or other plastic film between wood and other finished surfaces of unpackaged units when stored for an extended period of time.

## PROTECTION

Protect products at all times from damage. During the installation, protect corners and edges of the units. Protect the installation by means of wood or other sufficiently strong materials, secured in a manner that will not damage or stain the finished surfaces.

Carefully remove the protection only when the risk of damage is no longer present.

Arriscraft does not recommend applying water repellent sealers or graffiti-proofing sealers to its products.

## SITE-CUTTING STONE

When cutting Arriscraft products with a wet saw, always pre-wet the units with clean water. A continuous source of fresh water to the saw is required. Immediately after saw cutting, wash cut stone with a stiff, fibre brush and thoroughly rinse with clean water. Failure to follow this procedure may result in units being stained by the cutting slurry.

## INSTALLATION

Careful adherence to proper techniques is key to ensuring the performance of the completed wall system.

Arriscraft products should be placed with consistent joints for proper coursing. It is advisable to keep the units free from mortar and grout smears as the work progresses. Some general precautions that can result in cleaner walls are:

- Protect the base of the wall from rain-splashed mud splatters. Use straw, sand, sawdust or other material spread out on the ground, extending approximately 3 feet away from the wall;
- At the end of each workday turn any scaffold boards near the wall on their edge to prevent possible precipitation from splashing dirt directly onto the completed masonry;
- Cover walls at the end of each workday with protective, waterproof coverings to prevent grout joint wash out and entry of water into completed portion of the wall; and,
- Store masonry products on skids, off the ground and under protective coverings.

Tool grout joints when they are thumbprint hard. After tooling, any excess grout and dust should be brushed from the surface using a soft bristle brush. Avoid rubbing or pressing the grout into the units.

## CLEANING

### PREPARING FOR CLEANING OPERATIONS

Prior to commencing construction, it is imperative to test-clean either a mock-up panel or samples of the Arriscraft units in a manner similar to how the building will be cleaned.

Temperature, humidity and the method of cleaning will impact the cleaning operations and the ultimate look of the wall.

Inspection of the test panel or samples should occur after a 3 to 7 day drying time. This test should be available for the architect to inspect and approve, then remain as the standard for the project.

Certain precautions must be taken during construction to minimize the potential for color changes resulting from the cleaning process and to ensure a more consistent in-the-wall appearance. Refer to the installation section above. Removing grout droppings and smears from the units as the work progresses will minimize cleaning requirements. Cleaning the constructed walls with water and non-acidic detergent will minimize any color changes that can occur during cleaning.

Most acidic-based detergents and proprietary cleaners will darken the color of the units. After approval of the test-cleaned material, it is imperative that the same cleaning procedure be used consistently throughout the cleaning of the building. Failure to follow these procedures can result in uneven or streaked color.

### GENERAL CLEANING GUIDELINES

Regardless of the cleaning method considered, it is essential to pre-wet the surface before applying any type of cleaning solution. Pre-wetting the units will minimize their absorption of the cleaning agent. It is equally important to keep the units wet during cleaning operations, and upon finishing to thoroughly rinse any cleaning solution from the wall surface. The key to successful cleaning is a continuous source of a sufficient volume of clean water throughout the cleaning operations.

Cleaning operations should commence at the top of the wall and work their way progressively down the wall surface. This will prevent dirt or stains from being washed onto areas that have already been cleaned.

Avoid applying the cleaning solution with pressurized spray systems, as this will tend to drive the cleaning solution into the pores of the units. The use of medium-pressure (300-700psi) rinsing water is appropriate. High-pressure (>700psi) methods should be avoided for cleaning manufactured masonry products as it may result in a texture change. High-pressure methods may also damage the grout joints.

### CLEANING WITH ACID-BASED OR PROPRIETARY CLEANERS

The color of the Arriscraft Units may change with the application of either acid-based solutions or most proprietary detergents. Refer to the test-cleaned material to determine the effect of the selected cleaning method on the color of the units.

If required, properly mask or otherwise protect metal, glass, wood and other surfaces from damage by exposure to the cleaning solution.

Schedule cleaning operations no sooner than 7 days but not later than 28 days after the units have been completed.

Remove larger mortar droppings by hand with wooden paddles or a non-metallic scrapper. Thoroughly pre-soak the area of wall to be cleaned. Dilute the cleaning agent with clean water in controlled proportions according to that approved on the site panel.

Apply the solution to the pre-soaked area of wall with a soft bristled washing brush or low pressure (max. 40-50psi) acid-resistant sprayer. Thoroughly rinse any cleaning solution and residue from the wall surface.