

Sider-Repair Mortar AAC

The Ultimate Repair and Resurfacing Mortar for AAC Blocks and Panels

1.0 DESCRIPTION

1.1 General

Sider-Repair Mortar AAC is a thick mortar used to repair and resurface damages, especially formulated for Autoclaved Aerated Concrete products.

2.0 MATERIALS

2.1 Sider-Repair Mortar AAC

Sider-Repair Mortar AAC consists of a mixture of Portland cement, sand and proprietary additives and is available in a 55 lb. (25 kg) bag requiring only the addition of potable water at the job site.

3.0 MIXING INSTRUCTIONS

3.1 Sider-Repair Mortar AAC

Add approximately 6.5 to 7 quarts (6.5 to 7 liters) of clean, potable water to each 55 lb. / 25 bag of Sider-Repair Mortar AAC. Mix in a clean standard batch mixer or a large clean pail with a drill and paddle for no less than 5 minutes.

4.0 INSTALLATION

4.1 Application Over Aerated Concrete (AAC)

Surface preparation:

Surfaces must be free of all bond-inhibiting materials including dirt, efflorescence, release agents and other foreign particles. Remove paint, loose or damaged materials by water blasting, pressure washing, sandblasting or mechanical wire brushing.

AAC blocks must be clean prior to application of Sider -Repair Mortar AAC. This will ensure proper adhesion and curing of the Sider -Repair Mortar AAC.

Refer to ASTM C-926 for complete details on preparation and required conditions of surfaces to receive Portland cement based coatings and recommended construction practices.

Application:

Apply Sider-Repair Mortar AAC directly to the damaged wall with a clean stainless steel trowel or a putty knife by filling the damaged area and trowel flat to level the wall. Once Sider-Repair Mortar AAC has set for a few minutes, you may float it to render a smooth finish and a clean appearance. Desired thickness is 3/4 inch maximum per coat. Additional coats may be applied.

4.2 Limitations

Apply Sider-Repair Mortar AAC on surfaces in ambient temperatures above 41 °F (5 °C) and below 95 °F (35 °C) during application and curing period. Do not apply to overheated, excessively dry or frozen AAC blocks, in direct sunlight, nor during periods of high winds. Contact technical support at Sider-Oxydro, Inc. for additional information and application outside these temperatures at (1) 478-892-9800. Due to the natural ingredients which make-up Sider-Repair Mortar AAC or the nature of the substrate, the development of efflorescences may naturally occur and appear on the surface of Sider-Repair Mortar AAC.

5.0 MISCELLANEOUS

5.1 Packaging

55 lb. (25 kg) bag of powder in a paper bag with moisture barrier.

5.2 Technical Assistance

A Sider-Oxydro, Inc. master craftsman can be available at the construction site, at the expressed request of the customer according to prearranged terms and conditions. For technical support, contact Sider-Oxydro, Inc. at (1) **478-892-9800** for further information.

5.3 Storage and Shelf Life

Shelter in a dry environment from extreme heat, direct sunlight, rain and freezing. Shelf life is 6 months in the original sealed packaging properly sheltered.

5.4 Clean Up

Sider-Repair Mortar AAC cleans up with water prior to drying. Clean tools and equipment after use with water. Clean up and remove materials from the site caused by the installation and dispose of by federal, state and local regulations and guidelines in an approved landfill.

5.5 Commercial Name

Sider-Repair Mortar AAC