



**SIDER**

**SIDERMORTAR  
AAC**

**OXYDRO**



**Description**

SiderMortar AAC is a high performance, glue-mortar especially designed for use with Autoclaved Aerated Concrete (AAC) block products. SiderMortar AAC requires only the addition of water and features the benefits of:

- ↪ Can be used as both a thin-set repair mortar or a thick-bed mortar from the same formulation
- ↪ A thick, rich mortar that is easy to work with
- ↪ Allows additional working time for perfect placement of blocks
- ↪ Provides a finished bond that is actually stronger than the AAC block itself

**Use**

SiderMortar AAC is specifically designed for use in the assembly of Autoclaved Aerated Concrete (AAC) block units. In addition, SiderMortar AAC thickness can vary to allow perfect leveling of the AAC block units. It is an exceptional glue mortar used to affix AAC block units to each other, concrete foundations and concrete blocks, to provide an excellent tight seal. SiderMortar AAC can also be used as a thin base coat to prepare and level wall surfaces for the application of Sideral AAC decorative coatings.

**Composition**

Cement, additives, pure silica and bonding agents.

**Specifications**

Density : 1.61  
Adherence to AAC : 5.5 bars (AAC ruptured)

**Surface Preparation**

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

**Limitations**

Apply when ambient temperature is above 41° F (5° C) and below 90° F (32° C). For applications outside of these temperature ranges, please contact Sider-Oxydro, Inc technical support for additional information.

**SIDER****SIDERMORTAR  
AAC****OXYDRO***CONTINUED***Mixing  
Instructions and  
Application Procedures**

***AAC block must be clean and wet prior to application of SiderMortar AAC.  
This ensures proper adhesion and curing of SiderMortar AAC.***

Add approximately 6 to 7 quarts (6.5 liters) of clean potable water per bag of SiderMortar AAC. *The required amount of water will vary, according to the desired application thickness.* Mix in a clean standard concrete batch mixer until a thick homogeneous mix is obtained. Apply with a notched trowel much like assembling conventional concrete masonry units. Once the blocks are assembled, clean the excess immediately off the face and back of the unit. After the mortar is applied, AAC units may be adjusted during a period of time of a few minutes. If the mortar has already dried, it is recommended to scrape it off and to repeat the application. Allow three days until SiderMortar AAC has set before applying any type of coating.

**Coverage**

30 f<sup>2</sup> (2.79 m<sup>2</sup>) per 55 lb. (25 kg) of coverage at 1/4" (6.35 mm) applied thickness.

**Packaging**

One 55 lb. (25 kg) bag.

**Storage and Shelf Life**

Shelter in a dry environment from direct sunlight, extreme heat, rain and freezing. Shelf life is one year in original sealed packaging.

*Sider-Oxydro products are specifically formulated and designed to meet and exceed industry standards. Please refer to technical data sheets for specific installation instructions or contact Sider-Oxydro for application questions.*