

## BLACK AAC Adhesive Powder | **AP-2**

Romolo Black AAC Adhesive Powder, also known as AP-2, is a product formulated with micronized minerals, seashell powder, black cement, and chemicals using ionizing technology. It offers excellent adhesion to building materials, reduces the dead load of buildings, and is user-friendly for indoor and outdoor applications with various types of lightweight blocks.



### Physical And Chemical Specs

Special Weight	4 gr/cm <sup>3</sup>
Color	Grey
Physical Form	Powder
PH	7-8
Average Particle Size	500 mesh
Shear Adhesion Strength	1/2 < M pa
Density	4 ± 0.1 gr/cm <sup>3</sup>
Adhesion Time	20 min
Drying Time	60 min
Mix Percentage With Water	25-30 %
Impermeability	50 %
Application Temp	5-40 C

**Packaging** 20 KG

### Specifications :

- Quick drying and adhesion
- Compatible with various climates
- Quick preparation and application
- Can be applied in thin and thick layers
- Highly resistant against acids and petroleum
- Easy to install in horizontal and vertical surfaces
- Highly resistant against humidity, water and steam
- Excellent adhesion to all kinds of building materials
- Highly flexible, preventing possible loosening or cracking.

### Applications:

- Suitable for installing lightweight and Heblex blocks
- Suitable for installing pressed bricks and clays
- Suitable for installing tiles, mosaics and ceramics
- Suitable for installing glass, and light weight panels
- Suitable for installing concrete prefabricated parts
- Usable as construction mortar on all indoor and outdoor surfaces

## How to use:

Clean the surface thoroughly and create scratches for better adhesion. Mix **4 kg** of powder with **1 liter** of water. Apply the mortar behind the tile and install it at the desired level. Consumption is typically **4-5 kg per square meter**.

### Attention:

The suitable temperature range for using the adhesive is **5-40°C**. This adhesive has high adhesion due to its low water absorption and should be used within **15-20 minutes** after mixing with water.

## Packaging

**BLACK AAC Adhesive Powder** is offered in **20kg** bags for your ease of use and preference.

## Storage

The recommended temperature range for storing the tile adhesive is between **10-30°C**. The product has a shelf life of 9 months when kept in its original, unopened packaging. It is important to store it away from direct sunlight, extreme cold, heat, and frost to maintain its quality and effectiveness.

## Safety

To ensure safety, it is advised to avoid direct contact with the eyes and skin. It is recommended to wear gloves and protective glasses when handling the product. In the event of accidental contact with the eyes, it is crucial to immediately rinse them with lukewarm water for a minimum of 15 minutes.

**!** The suitable working temperature is between 5 to 40 degrees Celsius, the drying time varies between 12 to 72 hours depending on the weather conditions.



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Adhesive Powder

## CERTIFICATES

ISO 9001 : 2015

ISO 45001 : 2018

ISO 10002 : 2018

ISO 10668 : 2010

ISO 10004 : 2018

ISO 14001 : 2015

CE CERTIFICATE

IMS CERTIFICATE

HSE - MS CERTIFICATE



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