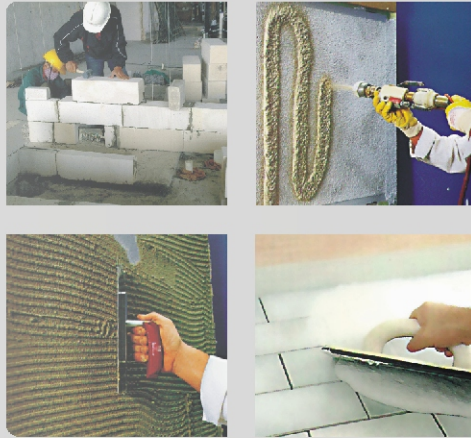


## Compared with traditional products

Content	Mova lightweight bonding mortar	Traditional mortar
<b>Technical features</b>		
Production Method	Industrial production	Mix mortar on Site
Cleanness of mortar	Remove toxic impurities affecting quality	Mixed with toxic organic and inorganic impurities such as mud, rotten wood, waste ect.
Lifespan	About over 50 years	About 10 years
Environmental Impact	Environmentally friendly	Environment polluted
<b>Specifications</b>		
Density (kg/m <sup>3</sup> dry mortar)	≤ 1390	≥ 1800
Adhesion	≥ 0.3 N/mm <sup>2</sup>	
Usage norm	≤ 95 kg/m <sup>3</sup> for 20cm wall	≥ 385 kg/m <sup>3</sup> for 20cm wall
Application thickness	3-5 mm	10-15 mm
Productivity	1 ton powder for ≥ 0,72 m <sup>3</sup> mortar	1 ton dry mortar for ≤ 0,59 m <sup>3</sup> mortar
Rate of material loss	About 2.5%	About > 18%
Construction tool	Use specific trowel for fast construction	Masonry trowel
Costs for 1m <sup>3</sup> as compared with traditional mortar	Only equal to 25% of traditional mortar costs	100%



**Empowering Solutions**

**CÔNG TY CP BÊ TÔNG, XÂY DỰNG A&P**  
**A&P CONSTRUCTION, CONCRETE., JSC**

No. 26/389, Hoang Quoc Viet Street, Cau Giay District, Hanoi  
 Tel: (84.43) 8 362 703 - Fax: (84.43) 7 568 820  
 Email: ap@apcorp.com.vn - Web: www.apcorp.com.vn

### MOVA READY MIXED MORTAR FACTORY

No. 59, Thien Duc Street – Yen Vien – Gia Lam - Hanoi  
 Tel: (+84-4)3698 3029 - Fax:(+84-4)3698 3028  
 Email: mova@mova.com.vn - Web: www.mova.com.vn  
 www.remitar.com.vn - www.remitar.vn

## MOVA LIGHTWEIGHT BONDING MORTAR

Used for Autoclaved aerated concrete, autoclaved lightweight concrete and calcium silicate bricks



# MOVA

*Công nghệ HLB Đức*

[www.mova.com.vn](http://www.mova.com.vn)

## MOVA Wall 900 Clair

75# - Light weight bonding mortar  
Excellent adhesion with ultra low amount



### 1. Outstanding features as compared to traditional products:

- Excellent adhesion with very low rate of use.

### 2. Rate of usage norm:

- Rate of use in  $m^2$ : Apply to AAC and ALC blocks in (600x200x200) mm, 20 cm wall: 19kg/m<sup>2</sup>.
- Rate of real use in  $m^3$ :
  - a. Building 200mm wall, use AAC and ALC blocks in (600x200x200)mm, building joint in (3-5)mm thickness: 47,7 kg/m<sup>3</sup>.
  - b. Building 200mm wall, use AAC and ALC blocks in (100x200x600)mm, building joint in (3-5)mm thickness: 83,5 kg/m<sup>3</sup>.
  - c. Building 100mm wall, use AAC and ALC blocks in (100x200x600)mm, building joint in (3-5)mm thickness: 47,7 kg/m<sup>3</sup>.

**3. Package:** In damp-proof paper bags in 40kg.

**4. Storage:** At least 6 months in unopened condition, in dry place.

**5. Certificate:** Mova Wall 900 Clair meets Vietnam Standard TCVN 3114-2003

### 6. Specifications

- Compressive strength  $\geq 75 \text{ Kg/cm}^2$
- Required water: (16-19)% of dry mortar
- Productivity: + 1 ton Mova Wall 900 Clair for about 0,72m<sup>3</sup> of fresh mortar.  
+ 1 bag in 40 kg for about 0,0288m<sup>3</sup> of fresh mortar

[www.mova.com.vn](http://www.mova.com.vn)

## MOVA Wall 600 Clair

50# - Light weight bonding mortar  
Excellent adhesion with ultra low amount



- Quality is ensured at factory and according to international standards.
- No toxic impurities – lifespan is 2-3 times longer than traditional mortar.

### 2. Rate of usage norm:

- Rate of use in  $m^2$ : Apply to AAC and ALC blocks in (600x200x200)mm, 20 cm wall: 18,4kg/m<sup>2</sup>.
- Rate of real use in  $m^3$ :
  - a. Building 200mm wall, use AAC and ALC blocks in (600x200x200)mm, building joint in (3-5)mm thickness: 46,0 kg/m<sup>3</sup>
  - b. Building 200mm wall, use AAC and ALC blocks in (100x200x600)mm, building joint in (3-5)mm thickness: 80,5 kg/m<sup>3</sup>
  - c. Building 100mm wall, use AAC and ALC blocks in (100x200x600)mm, building joint in (3-5)mm thickness: 46,0 kg/m<sup>3</sup>

**3. Package:** In damp-proof paper bags in 40kg.

**4. Storage:** At least 6 months in unopened condition, in dry place.

**5. Certificate:** Mova Wall 600 Clair meets Vietnam Standard TCVN 3114-2003

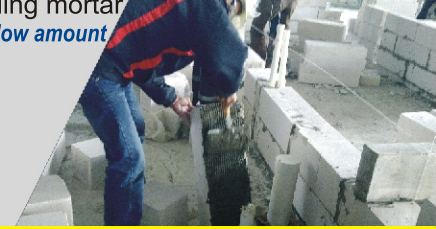
### 6. Specifications

- Compressive strength  $\geq 50 \text{ Kg/cm}^2$
- Required water: (16-19)% of dry mortar
- Productivity: +11 ton Mova Wall 600 Clair for about 0,735m<sup>3</sup> of fresh mortar.  
+ 1 bag in 40 kg for about 0,0294m<sup>3</sup> of fresh mortar

[www.mova.com.vn](http://www.mova.com.vn)

## MOVA Wall 400 Clair

35# - Light weight bonding mortar  
Excellent adhesion with ultra low amount



- Save 75% of materials in comparison with traditional mortar.
- Environmentally friendly.

### 2. Rate of usage norm:

- Rate of use in  $m^2$ : Apply to AAC and ALC blocks in (600x200x200)mm, 20 cm wall: 18kg/m<sup>2</sup>.
- Rate of real use in  $m^3$ :
  - a. Building 200mm wall, use AAC and ALC blocks in (600x200x200)mm, building joint in (3-5)mm thickness: 45 kg/m<sup>3</sup>
  - b. Building 200mm wall, use AAC and ALC blocks in (100x200x600)mm, building joint in (3-5)mm thickness: 78,5 kg/m<sup>3</sup>
  - c. Building 100mm wall, use AAC and ALC blocks in (100x200x600)mm, building joint in (3-5)mm thickness: 45,0 kg/m<sup>3</sup>

**3. Package:** In damp-proof paper bags in 40kg.

**4. Storage:** At least 6 months in unopened condition, in dry place.

**5. Certificate:** Mova Wall 400 Clair meets Vietnam Standard TCVN 3114-2003

### 6. Specifications

- Compressive strength  $\geq 35 \text{ Kg/cm}^2$
- Required water: (16-19)% of dry mortar
- Productivity: +1 ton Mova Wall 400 Clair for about 0,75m<sup>3</sup> of fresh mortar.  
+ 1 bag in 40 kg for about 0,03m<sup>3</sup> of fresh mortar

[www.mova.com.vn](http://www.mova.com.vn)