



**Plaster &
Masonry**

Build To Last

We offer quality finishing and construction products that are best in class when it comes to compatibility with the regional exposure conditions through integrating an extensive distribution network and world-class technical support and customer service

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Concrete repair

Plaster & Masonry

Protective coating

Render & Finish

Surface treatment

Waterproofing

Grouting & Anchoring

Speciality Products

Tile adhesives & Grouts

Joint sealants

Monnelli Company Profile

Monnelli is a multinational local manufacturer established in communion with Monnelli Italy to manufacture material products and finishes for all types of uses. Monnelli was founded in Italy and has been expanding its reach across the globe building on its group partner's experience of more than 40 years. The mission of our company is to provide building solutions to local consultants and contractors in Qatar by assembling a full line of products including cementitious products from renders, tile adhesives to chemical construction materials such as concrete repair, epoxy, polyurethane and surface treatment. We provide technical support on all ranges of products and assistance by our sales and specification team, who have a combined experience of more than 100 years.

Commitment, dedication, willingness and expertise within the optic of continuous development, intuition in offering immediate answers with specialist products, advanced scientific research, investment in development and production plants and internationalization have formed the guidelines for Monnelli operations.



Research, inspection, laboratory testing, the certified quality system and controls on raw materials used are all tools implemented by Monnelli to offer constant quality.

A Monnelli product for all needs, the result of research and experience gained in the sector, which is innovative in terms of final performance and safety, designed following the same philosophy: ease of use, designed and guaranteed duration over time.



Monneli Company Profile

Today, a range of products is offered to solve multiple problems in the modern building industry sub-divided into system to prepare substrates, systems to lay and grout ceramic tiles, systems to waterproof and dehumidify, systems to repair degraded concrete and highly specialist technical grout. some of which make us market leaders.

The qualified technical support service, with trained and informed staff, is ready to guarantee immediate answers for all your building site requirements.



New offices and a new production plant since 2008, added to the existing buildings, a widely established sales network and logistics integrated with the strategic support of the Sassuolo depot, ensure delivery times and transport are reduced to a minimum.

Monneli believes in communication and promotes its products at sector fairs both in Italy and abroad. It is often present in specialist magazines and support technical information both on paper and in multi-media materials.

Monneli boasts experience and dynamism, continuous development to improve and innovate techniques and technologies, market success, sector competitiveness and guaranteed, constant quality.



Introduction to Monneli Plastering Systems

Monneli is the first supplier to provide bulk supply of plaster products to projects with a complete end to end support of products, equipment and machinery as well as logistical support. The advanced plaster systems provided by Monneli Plasters increase efficiency, decrease waste all while being green low VOC products.



Due to a shortage of skillful workers and an increase in complexity of material applications, job-site mortar operation was not able to adequately meet the demand on achieving specific performance and consistent quality requirements.

Hence MONNEL produced plaster and mortar materials in a special factory with dedicated facilities on batching and blending of all the necessary ingredients in highly-controlled process.

In this way, different types of dry-mix mortar products with well-defined properties and performance to meet specific requirements and applications can be produced.

The use of MONNELI premixed plaster and mortars not only increase significantly product performance but also guarantee a high degree of application reliability and consistency.

Monneli Plastering Solution Benefits

SUPPORTING REAL NATURE PRESERVATION

All products are manufactured in the most environment friendly technology by recycling of any waste.

SHORTER CONSTRUCTION PROCESS

The plasters are designed for maximum ease of work and installation and this reduces the time for constructions and repairs.

INCREASED LONGEVITY

The chemical formulas are constantly being improved in order to achieve even great longevity. This way you spend less for repairs.

INCREASING THE PRICE OF YOUR PROPERTY

A well built building with quality materials has a higher value and maintains it much longer.

INCREASED COMFORT

Insulated products create comfortable indoor climate.

PROTECTING THE BUILDING STRUCTURE

The plasters have not only a decorative but a protecting function that protects the building structure and extends it's life.

RETURNING YOUR MONEY

With our insulated products you save up to 40% of the cost for heating and cooling the buildings. This is an investment that will pay off.

FEATURES WORKING FOR YOUR HEALTH

The products have breathable properties, thanks to which pass the water vapour to the outside of the building and prevent the formation of mold and mildew.



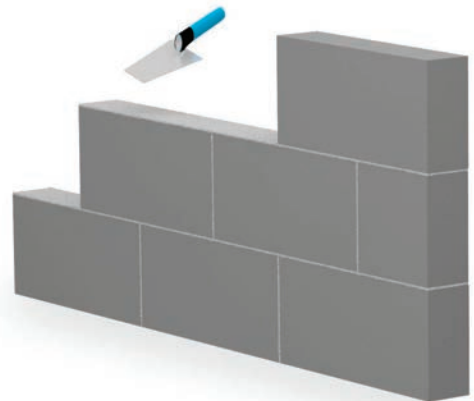
MASONRY & GROUT MORTARS



Monneli Masonry Mortar

PREMIXED MASONRY MORTAR

Packaging: 50 kg
Coverage: 15L.M/ 10mm
 (Solid Block 400x200x200mm)



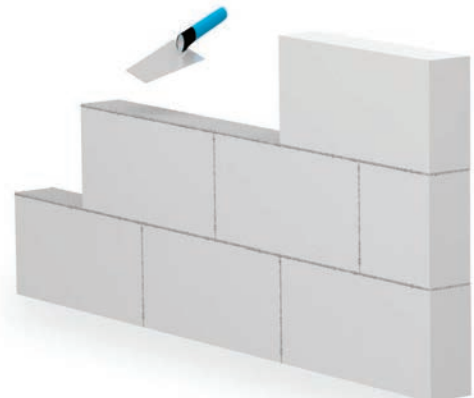
MASONRY & GROUT MORTARS



Monneli AAC Mortar

ADHESIVE FOR AAC SURFACE

packaging: 50 kg
coverage: 14.16 kg / m² mm



Monneli Plastering Systems

PREMIX COATS



**Monneli
Spatter Dash LW**
PREMIXED SCRATCH COAT FOR
AAC SURFACE

Packaging: 50 kg

Coverage: 13 - 16 kg / m² / mm



**Monneli
Spatter Dash SB**
PREMIXED SCRATCH COAT

Packaging: 50 kg

Coverage: 13 - 16 kg / m² / mm



**Monneli
Spatter Dash HB**

Packaging: 50 kg

Coverage: 18 kg / m² / mm





CEMENT PLASTERS



Monneli
Plaster Mix M
MANUAL PREMIXED Plaster

Packaging: 50 kg
Coverage: 13 - 15 kg / m² / mm



Monneli
Premix Plaster S
SPRAYABLE PREMIXED Plaster

Packaging: 50 kg
Coverage: 161 kg / m² / mm



Monneli
Premix Plaster LW
PREMIXED Plaster FOR AAC
SURFACE

Packaging: 50 kg
Coverage: 135 kg / m² / mm



Monneli
Premix Plaster F
PREMIXED Plaster WITH FIBER

Packaging: 50 kg
Coverage: 16 kg / m² / mm

Monneli Plastering Systems

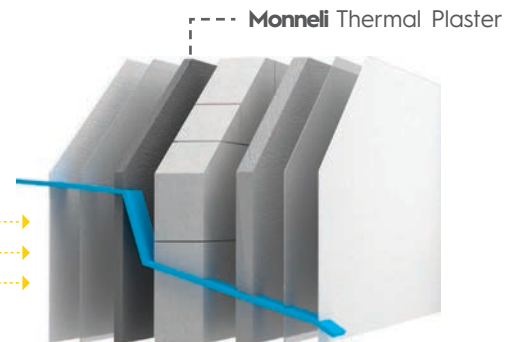


THERMAL RESISTANT PLASTER



Monneli Thermal Plaster

CEMENTITIUOS Thermal INSULATING Plaster



Packaging: 50 kg

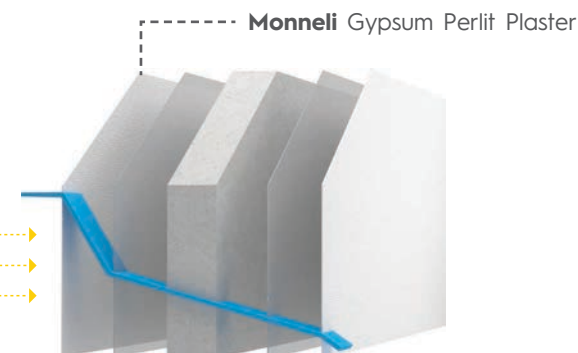
Coverage: 0.4 kg / m² / mm

THERMAL RESISTANT PLASTER



Monneli Gypsum Perlit Plaster

LIGHT WEIGHT Gypsum Perlite Plaster



Packaging: 25 kg

Coverage: 1 kg / m² / mm

Monneli Plastering Systems

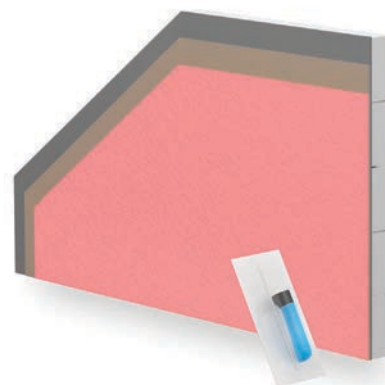
THERMAL RESISTANT PLASTER



Monneli Coloured Plaster
PREMIXED Coloured Plaster

Packaging: 50 kg

Coverage: 1.67 kg / m² / mm



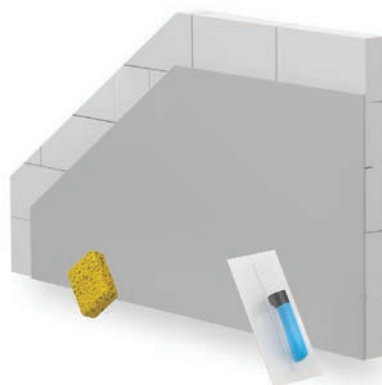
THERMAL RESISTANT PLASTER



Monneli Gypsum Plaster
LIGHT WEIGHT Gypsum Plaster

Packaging: 35 kg

Coverage: 1.75 kg / m² / mm



ACOUSTIC PLASTER



Monneli Acoustic Plaster
LIGHT WEIGHT PREMIXED
Acoustic Plaster

Packaging: 25 kg

Coverage: 1.1 kg / m² / mm

1. WHY JOB-SITE MIXED MORTARS ARE OUTDATED

For a particular job-site mixed mortar, a specific ratio of cement and sand is batched and mixed before adding the mixing water and sometimes with liquid admixtures. The quality of the site-mixed mortar depends on the quality of the raw materials, their correct batching ratio, the homogeneity of the mixture, and the consistency of the fresh mortar.

Under these batch and mix conditions, the quality of the site-mixed mortars cannot easily be guaranteed. The major disadvantages of site-mixed mortars are that the whole manufacturing process cannot be controlled easily, and the workers who make up the mortars cannot ensure the quality due to possible errors during various steps in preparing the mortars.

2. WHAT ABOUT JOB-SITE MIXED MORTARS APPLICATION

The major disadvantages of site-mixed mortars are that the procedures and application waste a lot of time in addition to poor quality and over wastage. Therefore, the applications of the job-site mixed mortars nowadays are limited to those un-important low performance areas and non-structural work without a concern on quality or durability.



3. DISADVANTAGES OF JOB-SITE MIXED MORTAR METHOD

- Many contractors order plaster sand with no concern for its purity.
- Variation of particle sizes.
- Variation of mixing ratios.
- Lack of quality control at jobsite.
- Too much sand affects integrity of mixture.
- Cannot accommodate space, contamination, and clean-up.
- On site injury due to repetitive shoveling and heavy lifting.
- Too much job site operations.

4. JOB-SITE MIXED MORTAR MATERIAL LOSS

Steps that guarantee a big loss in the job-site mixed mortars and its application.

Job-Site Mixed Mortars

DELIVERING MATERIAL



Sand



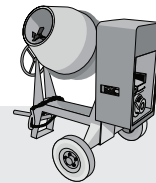
Cement



Storing in site

The main ingredients of the job-site mortars are mainly cement and sand which are transported separately to the job sites increasing the logistical cost and time management if any of them delayed.

JOB-SITE MIXING



Why Monneli Plastering System

The main ingredients of the job-site mortars are mainly cement and sand which are transported separately to the job sites increasing the logistical cost and time management if any of them delayed.



1. ADVANTAGES OF MONNELI PLASTERING SYSTEM

- Premixed materials to exact ASTM Standards.
- Material contributes to LEED accreditation points.
- Greater productivity and efficiency of labor force.
- Inherently safe delivery method - lessens contractor liability.
- Mixer/pump function as single unit making for a efficient delivery system and cost
- Effectively brings Portland cement plaster and mortars to their point of use.
- All materials are weighed prior to blending assuring consistency.
- Environmentally-friendly, no dust or disposal of bags, no waste of product.



2. MONNELI SITE SUPPORT

- Technical support.
- Hundreds of PFT machines (Germany).
- Several Hundred Plaster Machines.
- Tens of bulkers.
- Production Capacity in the Several million tons per year of bulk & bagged powder products

The silo delivery system for plaster is the future. Field mixed products are an inaccurate science and with the level of scrutiny our contractors are under on projects, this system is perfect.

One person does the work of many other laborers and their health is much better not shoveling sand all day long and lifting heavy sacks. This system is Really perfect.

3. MONNELI PLASTERING SYSTEM EFFICIENCY

The only time you see the product is when it comes out of the mixer in wet form.

- Monneli Spray Machines can produce around 300 m² in an eight hour Spray day (Actual Site application).
- Monneli Silo Capacity: 30 Tons of bulk material.



4. ADVANTAGES OF MONNELI SILO, CONVEYING & AUTOMATIC MIXING SYSTEM

- Eliminates the need for storage and stocking.
- Reduces material handling to absolute minimum.
- Saves time & Manpower & Space.
- Insures consistent quality of plaster products throughout the project.
- Material is protected against weathering (rain, dust storms...etc.) spillage and theft.
- Easy to operate.
- Clean and healthy operation at job sites

5. TYPES OF PLASTERS & RENDERS MACHINES

WORM TYPE

- Main Application : for mixing and pumping cement plaster
- It can be fed using bags or Silo & Silomat system.

HORIZONTAL MIXERS

- Main application: for mixing plaster, masonry mortar and grout.
- It can be fed using bags or silo & Silomat system.



1. SURFACE PREPARATION



1. All surfaces should be sufficiently rigid clean of any contamination that may prevent good suction or bonding.
2. High glossy or low absorption surfaces can be more receptive by jet pressure washing.
3. Under extreme weather conditions & on highly porous or absorptive surfaces substrate must be sufficiently moistened.

2. PFT G4 MACHINE APPLICATION



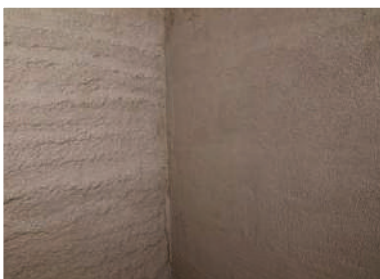
1. Hold the hose nozzle at a distance of 30-40 cm from the substrate and move the nozzle in continuous motion regularly from side to side building up layer by layer to reach the desired thickness (up to level marks)..

Using steel trowels & sufficient force manually to develop intimate contact the substrate..



2. Let the applied materials rest on the substrate & then screed it with aluminum beam to adjust the thickness & levels.

3. SURFACE FINISHING



3. Hollow areas can be filled again & screwed to level out the surface.

Once plaster achieved sufficient hardness, work out the surface with sponge trowel or wood float to achieve the required texture.

- a) For surfaces to receive paint finish, work the plaster with steel trowel to smooth the surface.
- b) For surfaces to receive stucco finish coat, work the plaster with coarse sand float to scratch surface.

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