gpm

Gypsum Panels Machinery

Your Technology Partner

Plaster Block Plant

Technology & Experience

Large range of panel types and applications

GPM is a company with over 40 years of experience within the sector and more than 100 production units throughout the world.

Being part of the largest Italian group of gypsum extraction and processing, GPM is in a position to offer its clients a unique service, second to none in terms of variety of levels of personalization which can be provided.

From the initial choice and customised types and dimensions of its products available, to the personalized level of automation of the equipment, GPM prides itself on the totality of the service provided.

This along with the personalized control system with PLC and the guarantee of total assistance means the client can rest assured that GPM will be at its side to assist right through to the marketing of the final finished product.

Plaster Block Plant

GPM Production

Palleting Compartment

Output of forced dried ready to sell blocks

Example of a plant with 4 forming machines

Production Compartment
1. Internal silo
2. Mixer
3. Forming machines
4. Hydraulic grap

Drying Compartment
5. Tipper
6. Hydraulic grap
7. Trolley
8. Dryer

Palleting Compartment
9. Compactor
10. Wrapping machine
11. Hydraulic grap
12. Finished products

Natural Drying Compartment
13. Tipper / Compactor
14. Wrapping machine
15. Finished products to be dried

Drying Compartment

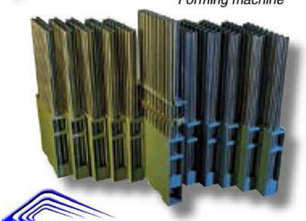
GPM Production

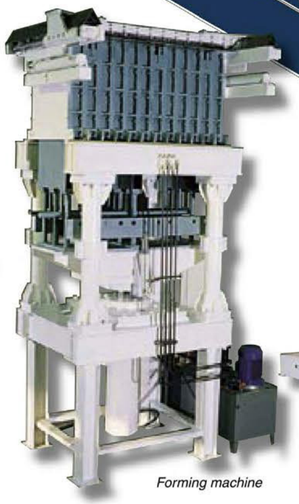
Production Compartment

Natural Drying Compartment

Out-put for natural drying blocks

Forming machine





Forming machine

Block movement and wrapping

Advantages over full gypsum blocks

- High output – more than 400 square meters of product manufactured and packed by a single worker in an 8 hour shift
- Saving of up to 35% on Gypsum, water and transportation costs
- Faster drying
- Similar technical performance to solid blocks

Advantages of gypsum block building

- Speed mounting
- Fire resistance of up to 180 minutes
- Fire reaction of 0 class (totally non inflammable)
- Acoustic resistance of up to 42 dB
- Smooth finished walls
- Water repellent versions available
- Walls of great dimensions (brick - gypsum)
- No cracks on the walls (brick - gypsum)
- Excellent hygrometric properties

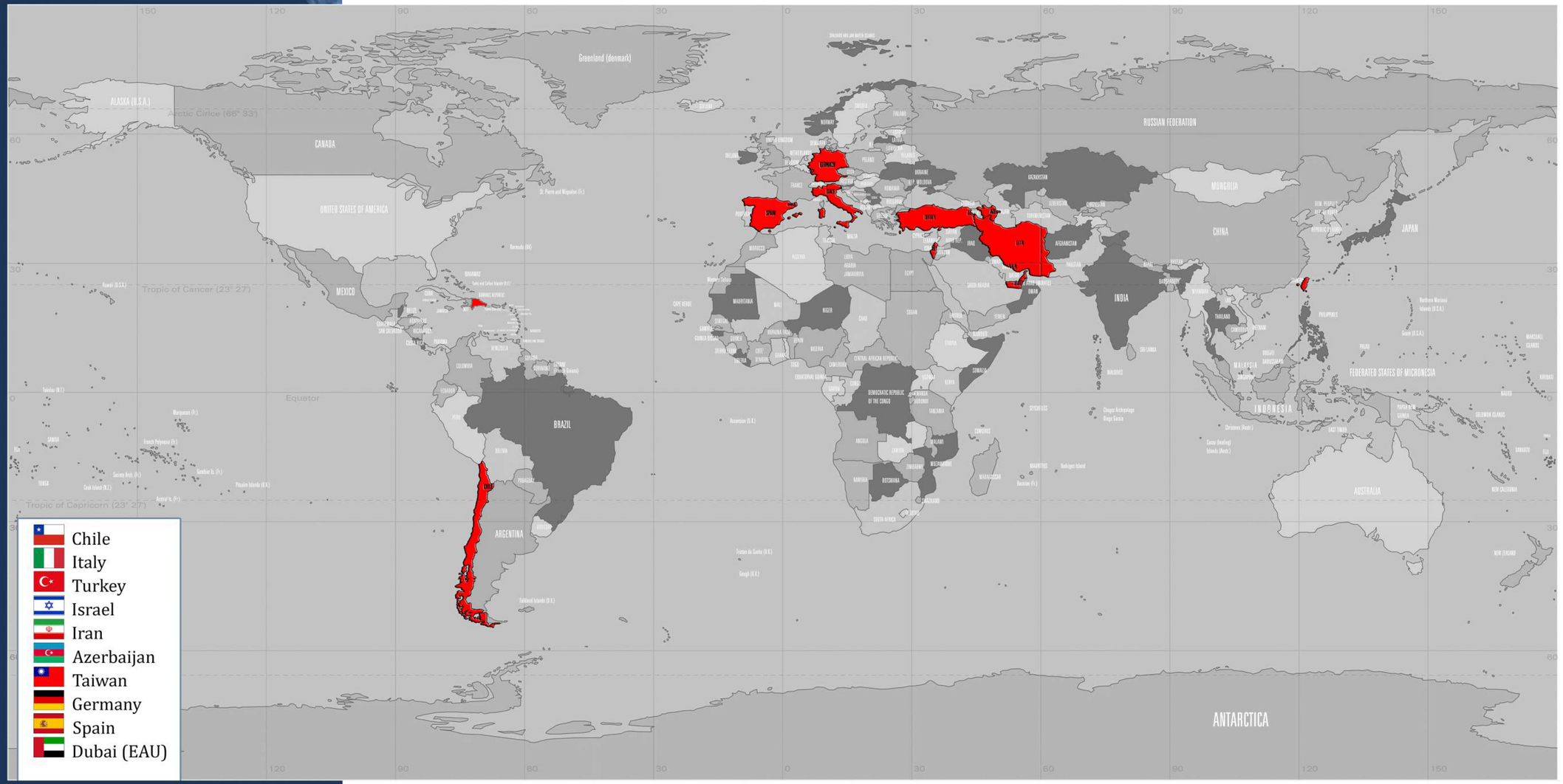
Product examples for plastered partitioning blocks

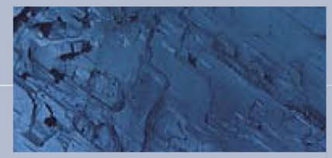
5	6	7	8	10	12
	74 x 27 x 6	74 x 27 x 7	74 x 27 x 8	74 x 27 x 10	
	100 x 33,3 x 6	100 x 33 x 7	100 x 33,3 x 8	100 x 33,3 x 10	100 x 33,3 x 12
50 x 66,6 x 5	50 x 66,6 x 6	50 x 66,6 x 7	50 x 66,6 x 8	50 x 66,6 x 10	

The table above sets out the most frequently requested types of blocks.

GPM is however capable of producing customised thickness and forms.

GPM Customers on the World Map





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