



16

16: Part of the automated board trimming area. Inset: Safety notice in three languages shows the diversity of the plant's workforce.

17: An extruder is used to manufacture stud systems for Gypsemna's wallboard products.

18: Stud systems manufactured at the plant, awaiting shipment. Note the extensive use of Sauerland bearers.

19: An extensive stock of Sauerland bearers awaiting use at the factory.

provide process air to the production line and plant. After the dryer, a high-efficiency saw can be used to divide the boards into two, in either equal or unequal lengths. Two stacking systems have to be used due to the high speed and high capacity board production line. The overall board production line is controlled using a Siemens control system. Everything in the plant must be built to last in tough conditions, since - under the midday sun and with the line working - temperatures in the factory



18



17



19

20: Gypsemna's regular wallboard awaiting shipment to the local and international markets.

can increase to 45°C with 94% humidity."

"Most of our production is half inch (12.5mm) board, but we can produce boards ranging from 7mm to 25mm thickness. Our boards are produced to ASTM C 1396 and EN

520 (DIN 18 180/BS 1230 Part 1), so that they are internationally accepted as high-quality boards. Gypsemna's wallboard can be fixed to timber, metal framing and masonry works for use as wall lining and ceiling partitions, providing a high quality and economical finish to any interior projects.

"In addition to the Regular wallboard, we also manufacture Moisture resistant, Firewall, Moisture resistant Firewall and Tuff board. These are among the paper liner faced family. Finally, we also manufacture a glass-mat faced board, using glass mats imported from Europe and US, for exterior and wet area applications. We also sell smaller quantities of stucco in one tonne FIBC 'jumbo' bags."

The cavernous and cathedral-like warehouse can store a maximum of 2Mm2 of board, equivalent to 15 days of production. In normal seven-day operation, the plant would be expected to work around 350 days per year, but currently, due to the market situation, the factory is not running at full capacity.

"We primarily supply markets in the UAE and in 15 other countries. The boards are transported to these destinations on flat beds trailer or in containers or on barges."

"We have a collaboration with Rondo of Australia to produce building systems: We have a systems manufacturing facility within the Gypsemna factory, which uses roll formers supplied by Rondo to manufacture the metal profiles for wallboard systems."

Conclusion

Gypsemna is well-located to take advantage of increasing demand from the UAE, Arabian peninsula, the wider Middle East, India and further afield. Higher capacity utilisation will further decrease its already competitive manufacturing costs and its versatile drywall system solution offering. One thing's for sure: keep your eye out for Gypsemna!



20

