# Drywall (Gypsum Board) factory in Central Asia

## Gypsum board.



Due to its inherent fire
resistance, gypsum board, commonly
known as drywall is the premier
building material for wall, ceiling, and
partition systems in residential,
institutional, and commercial structures.

## Gypsum board. History



• Sackett Board, the prototype for drywall, was patented by **Augustine Sackett** in 1894, and the evolution of Sackett's invention shaved weeks off the time needed to finish a building. Today, the average new house in American contains over 6,000 feet of drywall.

## Gypsum board. History



In 1932, the production of drywall began to be mastered in Germany. Karl and Alfons Knauf, the owners of the famous Knauf company, took up the production of it. The turnover of gypsum boards began to grow after the 2nd World War after the monstrous destruction, where those materials were in demand that accelerated the construction as much as possible, and so the gypsum board also provided excellent quality.

AND FROM THIS TIME GYPSUM BOURD \_ THE BEST AND POPULAR PRODUCT IN CONSTRUCTION

## Gypsum board. Current sales in Kyrgyzstan

11 warehouse in South Kyrgyzstan +2 warehouse in North Kyrgyzstan in 2023

All Gypsum boards come from factory in Kokand city (Uzbekistan) 200 km from our main warehouses in Kyrgyzstan and distributed to our 11 warehouses.

When local factory will start work it gives opportunity to open 2 warehouse and start sales in North part of Kyrgyzstan

# Gypsum board. Current sales in Kyrgyzstan

	Sales	from Uzbekistan fa	Sales from future local factory			
				Forecast 2024, Forecast 2024		
Product name	Fact 2021, pcs	Fact 2022, pcs	Forecast 2023,pcs	south, pcs	north, pcs	
Gypsum board						
9,5mm	263 445	479 220	620 000	800 000	500 000	
Gypsum board						
12,5mm	108 079	183 243	240 000	300 000	240 000	
Gypsum board						
waterproof 9,5mm	1 300	980	1 500	3 000	5 000	
Gypsum board						
waterproof						
12,5mm	21 624	41 259	60 000	80 000	60 000	
Total						
	394 448	704 702	921 500	1 183 000	800 000	

## Stage 1

- Plaster processing:
- •Gypsum that has been crushed and heated to remove 75% of its water content

#### Stage 2

- Making the sandwich
- •The gypsum slurry is poured onto a layer of paper that is unrolling onto a long board machine.

### Stage3

- •The drying process
- •The panels are transferred to a conveyor line that feeds them through a long, drying oven. At one plant, for example, the gas-fired oven is 143 m long. Panels enter the oven at 260°C and are exposed to gradually decreasing levels of heat during the 35-40 minutes they travel through the system. Humidity and temperature are carefully controlled in the dryer

#### Stage 4

• Packing and quality. Control of quality

Land	30 Hectare	200.000,00 USD		
plant	2500 sq. m	300.000,00 USD		
equipment	China	3.000.000,00 USD	30% prepayment 70 % when equipment will be ready for loading.	Production time 6 month since prepayment . installation and launch time 6 month
Net Working Capital		500.000,00 USD		Due to the high turnover of products, this amount will be enough
technologist with good experience			We have specialist	

ROW MATERIAL			
Gypsum		big deposits in Kyrgyzstan	
Coal		big deposits in Kyrgyzstan	
Electricity		More cheaper than UZ or KZ	
Paper		produced in KG and Russia	

Product name	Estimate Net Income from 1 pcs, USD
Gypsum board 9,5mm	0,50
Gypsum board 12,5mm	0,80
Gypsum board waterproof 9,5mm	1,00
Gypsum board waterproof 12,5mm	1,00

	Year	NI, USD	Dividend payments
1	2023	0	0
2	2024	1.230.000,00	0
3	2025	1.230.000,00	1230000
4	2026	1.230.000,00	1230000
5	2027	1.230.000,00	1230000
6	2028	1.230.000,00	1230000
7	2029	1.230.000,00	1230000
8	2030	1.230.000,00	1230000

Our own capital	20 %	800.000,00	
Investor capital	80%	3.200.000,00	

We would like to offer the investor the conditions of the mudoraba distribution of profits 60/40. After 7 years, the investor can stay in the project or sell his share