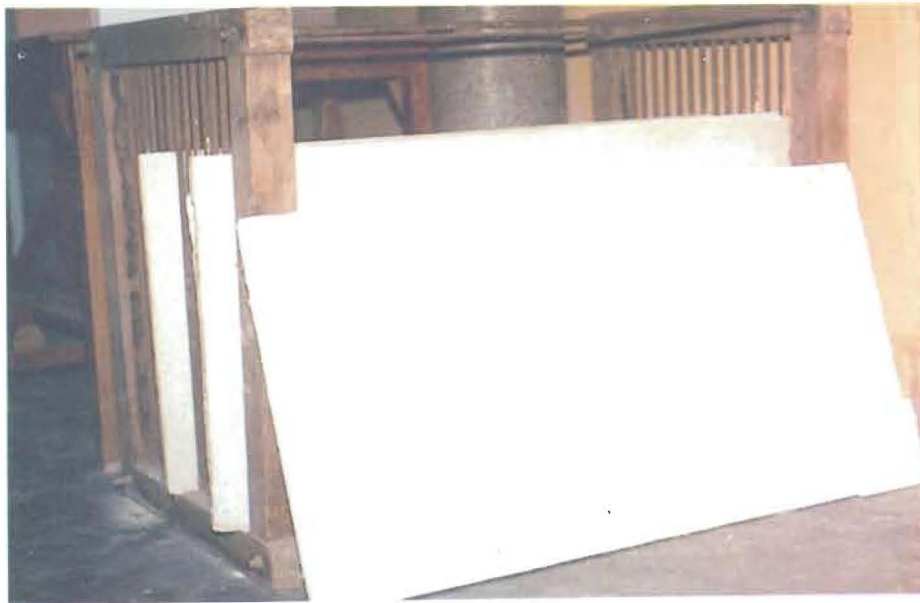




Fibrous Gypsum Plaster Boards



Application/Uses	: Lightweight partitions, false ceiling and lining in interior decoration of buildings
Salient Technical Features	: Process involves sandwiching teased sisal fibres between layers of moist calcined gypsum. Dimensions of boards are 1200 x 600 x 12 mm. These boards are light in weight, fire resistant and have thermal and sound insulation properties.
Environmental Aspects	: No special measures are needed except purification of phosphogypsum
Level/Scale of Development	: Pilot scale
Status of Commercialisation	: Two licencees
Raw Materials	: Natural/phosphogypsum, sisal/coir fibres, water and demoulding agent
Major Plant Equipment and Machinery	: Mechanised pan calcinator, Jaw crusher, Roller mill/Ball mill, Casting tables, M.S. moulds, Wooden racks, Buckets and drums
Techno-Economics	: Estimated cost of a unit of capacity 3 lakh boards/year (3 shifts/day) would be Rs. 58 lakh
Technology Package	: Process know-how document, quality assurance, demonstration of the process, assistance in commissioning

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