



# Central Building Research Institute

## Roorkee

### Rigid PVC Foam Board Technology (Pilot Scale level)



- Application/Uses :** Paneling, surfacing, partitioning, doors and window shutters false ceiling, furniture, cabinets, exhibition panels etc.
- Salient Technical Feature :** Medium density foamed board with all salient features of PVC, self extinguishing, indigenous technology etc.
- Environmental Aspects :** Eco-friendly, less energy intensive, 100% wood replacement.
- Level/Scale of :  
Development** Pilot scale level.
- Status of Commercialisation:** Pilot scale technology is ready for commercialisation.
- Major Components/ :  
Raw Materials** PVC resin, blowing agent, chemicals.
- Major Plant Equipment:  
and Machinery** Twin screw extruder, mixer, cutter, take off system, cutting machine etc.
- Techno-Economics :** As per prefeasibility study the process is techno-economically viable. The product is cost effective in comparison to existing commercial products available. Estimated plant cost Rs. 1.00 crore for 2500 tpa plant.
- Technology Package :** Complete process package.

**For further details please contact :**

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