

Plastics processing is getting extended each day into many products replacing traditionally made costlier products. Plastics is a curse as per many advocators of banning Plastics. In fact, here, the use of plastics is proposed to replace wood and paper and chemicals.....

New and most lucrative project for INDIA: SPC Flooring Making / Marble Look-alike board for wall making / PVC Laminate making

Investment in just One project can offer making three different products from One set up.

- 1) Luxury Vinyl Tile known as in EUROPE and USA which is now being replaced with Stone plastic composite – SPC, as known in CHINA, the replacement of wooden flooring is the best business opportunity now for us.

The final products can have hundreds of colors and design as we chose the film.



- o Replacing Wood entirely, avoiding issues of smell, termite, maintenance.
- o Plastic (PVC) and Calcium Carbonate ( $\text{CaCO}_3$ ) have proved great blessing, courtesy high strength, no woody smell, no water, termite effect.

SPC Which is Stone Plastics Composite, is the best flooring material replacing Wooden/ Laminate/ Vinyl and all sorts of indoor flooring.

It does not get eroded, no scratches upon normal usages indoors, gets no stink and is water and termite proof. The color/ design does not go away as it is protected with 200-to-500-micron thick PVC Film on the top. The variations of colors and designs are numerous. The life of the product is as defined as more than 25 years. Post this life the product is re-cyclable.

Manufacturing needs no formaldehyde, no color, no wood or coal, no oil burning or no gas or fumes going to air. AND SO, People and Government must promote the usage to replace WOOD.

SPC is usually made be the following dimensions.:

Length: 950, 1220, 1850 mm

Width 125-200 mm

Thickness 4-10 mm [ Most standard world-wide is 4 mm for one layer and is at 6 mm for three layered as demanded for in Europe.]

See the picture of a plant with Four lines:



□ The production process is simplified as the extrusion Plus Calendaring of PVC+CaCO<sub>3</sub> with additives, makes the base upon which decorative PVC film and wear layers [ 200 to 500 Micron thick] are hot-laminated on-line, then UV Coated and then slit in to needed sizes and then Milled for the edges to make them coupled in to each other while lying on {A sort of Male-female coupling}



□ Machinery to mix & prepare raw material in first stage of extrusion, then extrude board profile with Lamination of film and Wear layers, then UV coat, then CUT to size, then Milled for coupling arrangement.

□ Made from PVC and CaCO<sub>3</sub> in the ratio of 1:3 which is too good for the cost of production and also strength and durability of the product.

□ With the plant and machinery cost of about Rs 5 to 5.5 Cr. Landed (With Duties and inclusive of UV Coating plant, and slitting plant and also Double edge milling plant)

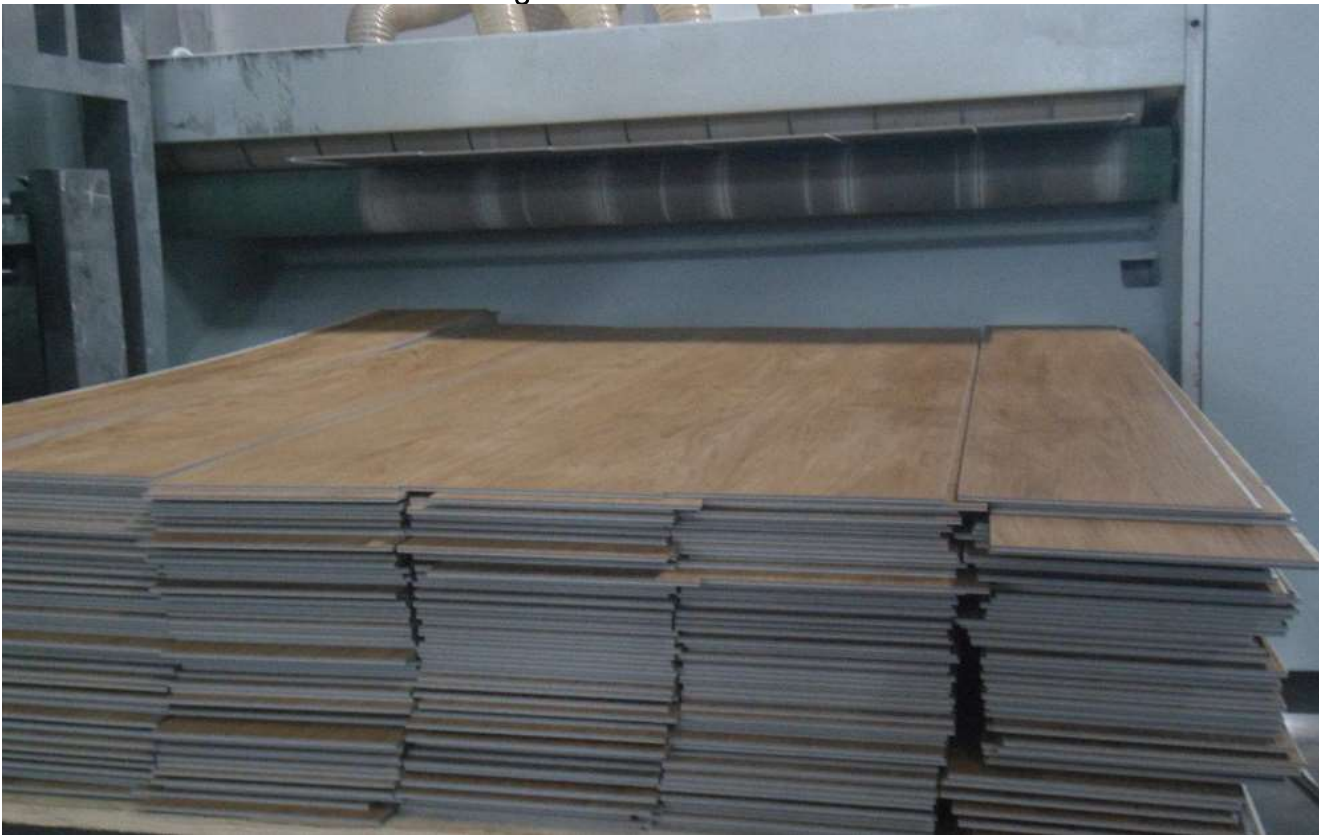
□ Depending upon the realization, the annual profit can be Rs 3.85 Cr. AND So this business is one of the best these days within medium investment range.

- i) Best Technology, machinery manufacturing form Class manufacturers. Genuine after sales support.
- ii) High class product to be made at minimum costs of raw material.

### Why go in for this business?

- o Huge Market to replace Costly and environment eroding wood Demands.
- o Cheaper
- o Huge export potential like what China is doing.
- o Massive expansion opportunities.
- o No hazards on Environment.
- o No other fuel needed except electricity to process and produce.
- o About 60% return on Invested capital possibility within first year.
- o Easiest laying on the floor without any sort of glue,
- o No Stink / No moisture / NO termite peril. AND SO LONG Life.
- o Many types and kinds of color + Design available.

**Slit Board in to Planks after UV coating.**



For Sides- Edge milling process – TO make Male-Female coupling.





SPC Flooring board and plank making with UV coating and edge milled finally.

Initial Investment For one-layer SPC Flooring board and plank making with UV coating and Edge Milling and waste powder air-lifting system complete set.	
<b>All Approximately</b>	Rs.
Machinery Basic Plant with all needed machinery <b>with 30% Duties, in fact People take much of Duty Drawback</b>	53500000
Other initial project costs & Utilities	9000000
land 1 Acre Assumed at	5000000
building 18500 Sq Feet	18500000
Consultant's cost	1000000
Total initial project cost	87000000
Working Capital needed.	12000000

Making SPC, the net profits stay at about Rs 35 per Square foot.

2) We can also make: **PVC Laminates**

[ Which is Known as PVC laminate which is Replacement of Mica in 1 m thickness and even up to 0.8 mm] Which we can bend like below without breaking.



AND 3) Marble / Granite look alike boards {only for walls} which will look like below.



These boards can be made with 2.5 to 8 mm thickness, usually people use 2.6 to 3.5 mm thick boards for walls.

---



The Author, Mr. Kamal Shah, is Ahmedabad based consultant, assisting to set up Lucrative and new projects.

---

[mail@positiveaggression.in](mailto:mail@positiveaggression.in), [positive@positiveaggression.in](mailto:positive@positiveaggression.in)

9624112091

9879552875