

KVIC- PMEGP

PROJECT PROFILE ON LAMINATED SAFETY GLASS

Introduction

Laminated safety glass has good industrial potential due to its multiple advantages in commercial and industrial applications though the product is not as popular as toughened glass. The main applications of laminated safety glass are:- 1) Automobiles 2) Railways 3) Marine Vessels 4) Aircrafts 5) Defence 6) Household construction 7) Other industrial application. Laminated safety glass is a sandwich made of PVC interlayer or interlayer adhered between two glass sheets. Laminated glass is more resistant to fracture than monolithic glass, but in case of fracture, the PVC interlayer holds the fragments in place.

1 Name of the Product : **LAMINATED SAFETY GLASS**

2 Project Cost :

a Capital Expenditure

Land : Own

Work she sq.mtrs : 0 Rs.

Equipment : Rs. **480,000.00**

1) Glass washing & drawing machine 2) Hand operated glass lamination machine 3) Edge cutting & machine 4) Glass Cutting machine 5) Racks for raw sheet glass 6) Electric Oven 7) Working tables 8) Misc. equipments, tools, balance, cutter, electric stove 9) Office furniture, 10. Electrification & installation.

Total Capital Expenditure Rs. **480,000.00**

b Working Capital Rs. **765,000.00**

TOTAL PROJECT COST : Rs. **1,245,000.00**

3 Estimated Annual Production Capacity:

(Rs. in 000)

Sr.No.	Particulars	Capacity in sq mtrs	Rate	Total Value
1	LAMINATED SAFETY GLASS	13800.00	340.00	4692.20
TOTAL		13800.00	340.00	4692.20

4 Raw Material : Rs. **3,744,000.00**

5 Labels and Packing Material : Rs. **50,000.00**

6 Wages (3-Skilled & 3-Unskilled) : Rs. **432,000.00**

7 Salaries -1 manager Rs. **120,000.00**

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8	Administrative Expenses	:	Rs.	75,000.00
9	Overheads	:	Rs.	60,000.00
10	Miscellaneous Expenses	:	Rs.	45,000.00
11	Depreciation	:	Rs.	48,000.00
12	Insurance	:	Rs.	4,800.00
13	Interest (As per the PLR)			
	a. C.E.Loan	:	Rs.	62,400.00
	b. W.C.Loan	:	Rs.	99,450.00
	Total Interest		Rs.	161,850.00
14	Working Capital Requirement	:		
	Fixed Cost		Rs.	307,200.00
	Variable Cost		Rs.	4,385,450.00
	Requirement of WC per Cycle		Rs.	782,108.00

15 Cost Analysis

Sr.No.	Particulars	Capacity Utilization(Rs in '000)			
		100%	60%	70%	80%
1	Fixed Cost	307.20	184.32	215.04	245.76
2	Variable Cost	4385.00	2631.00	3069.50	3508.00
3	Cost of Production	4692.20	2815.32	3284.54	3315.26
4	Projected Sales	5382.00	3229.20	3767.40	4305.60
5	Gross Surplus	689.80	413.88	482.86	551.84
6	Expected Net Surplus	642.00	366.00	435.00	504.00

Note : 1.All figures mentioned above are only indicative.
2.This is model project profile for guidance
3.Cost of Project, and its priority will be changed depends on the area, availability of raw Material, man power, power requirement and various other factors etc..