

**PROJECT PROFILE FOR COIR MAT/MATTING**  
**FINISHING/PACKING UNIT**

<b>PRODUCT</b>	<b>:</b>	<b>MATS (EXPORT QUALITY)</b>
<b>PRODUCTION CAPACITY (P.A)</b> <b>(100% CAPACITY)</b>	<b>:</b>	<b>12 LAKHS MATS NO.3 SIZE (FINISHED PRODUCT AND IN PACKED CONDITION)</b>
<b>SERVICE CHARGE</b>	<b>:</b>	
<b>MONTH &amp; YEAR OF PREPARATION</b>	<b>:</b>	<b>JUNE 2018</b>
<b>PREPARED BY</b>	<b>:</b>	<b>COIR BOARD, MINISTRY OF MSME, GOVT OF INDIA</b>

• **INTRODUCTION**

A final checkup is carried out to the mat in this process. Packing is conducted only after passing the mats. While passing, individual mats are checked up for quality and defects if any are removed. The mats are packed one over the other as bundles during the mat produced.

**BASIS AND PRESUMPTIONS**

- The Project Profile is based on 8 working hours for single shifts in a day and 25 days in a month and the Break Even efficiency has been calculated on 70%, 80%, 90%, 90% and 100% capacity utilization.
- The rate of interest both for fixed asset and working capital have been taken as 12.5% p.a.

- **TECHNICAL ASPECTS**

Installed Production capacity per day	:	4000 mat no.3 size
Number of Shift per day	:	1
Working days p.a	:	300 days
Capacity Utilization		
-First year	:	70%
-Second year	:	80%
-Third year	:	90%
-Fourth year	:	90%
-Fifth year	:	100%
Rate of Average Sales Realization	:	Rs. 187 Per mat
Rate of Average cost	:	Rs. 181.65 per mat
Interest on term Loan	:	12.50%
Interest on working capital	:	12.50%
<b>Manpower requirement</b>		
Supervisor	:	1
Skilled worker	:	4

## **FINANCIAL ASPECTS**

### **i) Cost of Project**

		<b>Amount</b>
• Land	:	Lease/owned
• Work shed	:	Rs. 600000/-

- Machinery & Equipments : Rs. 600000/-
  - Working Capital : Rs. 531000/-
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- Total : Rs. 1731000/-**
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Sl. No	Description of machines & equipments	Qty	Amount (Rs)
1	Weighing balances, scissors, Needle, Hooks	q.s.	100000.00
2	Mat bailing Screw press	1	250000.00
3	Passing tables	30	70000.00
4	Other miscellaneous equipments and electrifications		180000.00
<b>Total</b>			600000.00

## ii) Means of Finance

- Promoters Capital 5% : Rs. 87000/-
  - Bank Term loan 95% : Rs. 1140000/-
  - WC Loan from Bank 95% : Rs. 504000/-
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- Total : Rs. 1731000/-**
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## DETAILS OF THE PROFITABILITY OF THE PROJECT

Rs.in Lakhs

Years		1	2	3	4	5
Installed Production capacity per day	No.3 size	4000	4000	4000	4000	4000
Number of /day		1	1	1	1	1
Working days per annum		300	300	300	300	300
Installed production capacity per annum	Nos	1200000	1200000	1200000	1200000	1200000
Capacity utilization		70%	80%	90%	90%	100%
Annual production quantity	Nos	840000	960000	1080000	1080000	1200000
<b>Annual Sales Realization</b>		1573.71	1798.52	2023.34	2023.34	2248.16
<b>Cost of Production</b>						
Cost of raw material		1524.98	1742.83	1960.69	1960.69	2178.54
Spares, Repairs & maintenance	1%	0.06	0.07	0.07	0.08	0.09
Power cost		0.18	0.20	0.23	0.23	0.25
Miscellaneous expenses		7.87	8.99	10.12	10.12	11.24
Wages & salary		24.53	28.03	31.54	31.54	35.04
<b>Cost of Production</b>		<b>1557.61</b>	<b>1780.13</b>	<b>2002.64</b>	<b>2002.65</b>	<b>2225.16</b>
<b>Gross Profit</b>		<b>16.1</b>	<b>18.39</b>	<b>20.7</b>	<b>20.99</b>	<b>23</b>
Lease rent		1.20	1.40	1.60	1.80	2.00
Administrative & selling expenses	0.50%	7.87	8.99	10.12	10.12	11.24
Interest on Term Loan		1.15	1.28	1.08	0.34	0.15
Interest on Working capital		0.63	0.63	0.63	0.63	0.63

Depreciation of machinery		0.60	0.60	0.60	0.60	0.60
Depreciation of Building		0.30	0.30	0.30	0.30	0.30
<b>Total</b>		<b>11.75</b>	<b>13.2</b>	<b>14.33</b>	<b>13.79</b>	<b>14.92</b>
<b>Net Profit</b>		<b>4.34</b>	<b>5.20</b>	<b>6.37</b>	<b>6.90</b>	<b>8.07</b>

- ESTIMATION OF BREAK EVEN POINT**

Rs in Lakhs

<b>Particulars</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>
Capacity utilization	70%	80%	90%	90%	100%
Break-even point	72%	71%	68%	66%	64%
Break even Production	206163	231772	251551	241768	261651

- DEBT SERVICE COVERAGE RATIO**

Rs in Lakhs

<b>Particulars</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>
Capacity utilization	70%	80%	90%	90%	100%
DSCR	3.14	2.48	3.04	4.10	5.13
Average DSCR	3.58				
DSCR weighted average	3.42				

- WORKING CAPITAL REQUIREMENTS**

Rs in Lakhs

<b>Particulars</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>
Capacity utilization	70%	80%	90%	90%	100%
Variable Cost	1557.61	1780.13	2002.64	2002.65	2225.16
Fixed Cost	11.75	13.2	14.33	13.79	14.92
Working capital Gap	5.31	6.08	6.85	6.88	7.67

