

## CSIR- CLRI Technology for Rural Development

1.	Name of Product / Process	<b>Leather board</b>
2.	Application / Use	Leather boards are used in leather goods industry as supplementary material, as insole in shoes, as chappal uppers and sound proofing materials.
3.	Salient features of technology/process	The process for preparation of leather boards involves soaking chrome shavings in mild alkali, processing in mincer and mixer addition of rubber latex and other chemical required and diluted to 5 % with water and passing through a nylon mesh and applying vacuum to get wet leather board. These wet boards are pressed in hydraulic press to remove excesswater and dried to get leather boards. These boards are later calendared and stored. These boards are ready for usage. . The unique feature is that the process provides an eco-friendly as well as economical option to utilize tannerychrome shavings, which would otherwise add to disposal problem, into a value added product, thereby creating value addition and utility for a byproduct of tannery.
4.	Raw materials	Chrome shavings from tannery
5.	Machinery/Equipment	Cutters, mincer, mixer, vacuum apparatus hydraulic press, calendaring machi;ne
6.	Status of technology	Available at CSIR-CLRI
7.	Minimum economic unit and total investment	Rs.15 lakhs.
8.	Technology transfer methodology	As per CSIR guidelines
9.	Technology demonstration – cum – Training facilities	Available at CSIR-CLRI
10.	Product acceptability	The product has good market acceptability.
11.	Marketability	Highly potential. A large market exists in metropolitan cities in India. It also finds good potential in India and for export to other countries
12.	Is this technology location-specific?	Yes. To be cost effective, it is advisable to locate the unit in rural areas which are nearer to

	If so, please elaborate	tanneries.
13.	Any gender-bias in technology utilisation?	No
14.	Is any video-cassette available on the technology?	No
15.	Any other relevant information not covered above	Eco friendly and sustainable technology. Generates employment among rural poor.
16.	Terms and conditions for technology transfer	Negotiable under the framework of CSIR norms
17.	If required, can you provide prototype/working model for display/demonstrations.	Yes
18.	Name and address of technology generating institute/ individual	CSIR-Central Leather Research Institute, Adyar, Chennai - 600 020, India.
19.	Name and address of technology transfer agency, if different from above	Same as above (Sl. No.18)

Contact address :

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