



Living within the four walls wherever we are, matters much today, as our total well being is determined by much more than the factor of shelter. For ages, builders have periodically modified or adjusted the shapes of structures and the materials in order to make our internal environment cozier and easier to function. However, each revelation becomes obsolete over a period of time, as man discovers that there is more to be fulfilled in terms of convenience and economy

DURRA in that sense, is an ingenious, ultra-technological innovation.



The straw Strength

Who would ever think that straw is synonymous with strength? And **DURRA** defies this! The amazing enduring nature of Paddy straw and the innate chemical configuration that metabolises to a strong bonding substance, made under intense pressure and heat, says it all. Besides, the effect on ecology in manufacturing **DURRA** is astounding. This would certainly appease the green revolutionists greatly.



Internationally Renown Australian Technology

Durra is a 100% Sri Lankan product manufactured under a technology transfer permit from Ortech Industries Ptd. Ltd., Australia, specializing in the manufacturing of environmental building products. Employing an innovative method of converting large wasted resource of wheat and paddy straw fibre. the panels are very popular in Australia, USA New Zealand Indonesia & Philippines with a 40 year proven track record. Thus you are assured of highest technical backing and expertise at an international level

Versatility

Durra's applicability is vast, fulfilling varied structural needs industrially commercially and even domestically. The list of purposes of use given below, spells the comprehensive value of the product.

- Internal Walls**
- Partition Walls**
- Insulated Panels**
- Office Partitions**
- Ceilings**
- Sound proof enclosures Etc.**



Astounding Attributes



Fire Resistance

Durra's resistivity to heat & fire is tremendous and is far superior to other conventional products in today's market. Combustion doesn't take place for more than an hour at the panel to panel joints, and the panel core will carbonize and remain stable for a long period time.



Sound Insulation

Acoustic Performance is of very high quality due to its ability to control sound transmission and noise reduction. Ideal material for studios, entertainment auditoriums and high profile board rooms where confidentiality is secured.



Natural non-toxic glue

During the core production, straw produces its **own bonding polymer** element under extreme heat and compression. Hence, no chemical binding agents, glues or resins are added in the panel's core.



Thermal Insulation

Durra panels have a good energy efficiency in that they possess a unique thermal mass reducing the running cost of heating / cooling in a building. It need's no Aluminium foil for heat resistance and does not warp unlike conventional products in the market today.



Impact Resistance

A single panel is **10 times tougher** than a plasterboard and twice as much as a cement sheet. Moreover, as the density and strength is uniform in panel or wall partition, the need for studs and the likes are reduced considerably.



Saves Time

Installation could be done easily despite its thickness and weight as it is easy to fix. Since the panels are joined with the biscuit connection method, much less time is consumed in the construction, saving time obviously and therefore reducing the labour cost as well.



Strength & Self supportive

As aforesaid, Durra's strength is remarkable. The durability of Durra is over 30 years. Durra is self supportive and needs no frames within due to it's thickness.



Flexible Design

Durra panels though strong and rigid, can be cut at the edges into desirable designs to give the environ decor and aesthetically impressive appearance. Further, the ability to work with grooves, nails and other tools on it, makes the panel versatile for designed construction.

