**Description:**

Gyproc® Duraline Board is higher density core with glass fibre and other additives encased in, and firmly bonded to strong paper liners. Gyproc® Duraline Boards are EPD verified in accordance with ISO 14025:2006 & EN 15804:2012 +A2:2009.

Application:

Gyproc® Duraline Board is suitable for applications where high level of acoustics, fire and impact levels are specified

Compliance Standards:

IS 2095 Part 1:2023, Type D, F & R1

Reference Standards:

EN 520:2004, Type D, F, I & R / ASTM C473/C1396

Technical Details:**Paper Colour:**

Face Side : Yellow



Reverse Side : Brown

**Edge Type:**

Longitudinal Edge: Tapered



Transverse Edges: Square



Characteristics	Value	Unit						
Thickness	13 ^{±0.5}	mm						
Width	1219 ^{+0/-5}	mm						
Length	1829 ^{+0/-6} & 2438 ^{+0/-6}	mm						
Taper Depth	0.6 to 1.9	mm						
Taper Width	40 to 60	mm						
Thermal Conductivity (k)	0.25	W/m°K						
Ignitability Classification (BS-476 -Part-5)	P	-						
Surface Spread Of Flame (BS-476 -Part-7)	Class 1	-						
Flexural Strength	<table border="1"> <thead> <tr> <th>Thickness(mm)</th> <th>Transverse (N)</th> <th>Longitudinal (N)</th> </tr> </thead> <tbody> <tr> <td>13</td> <td>>312</td> <td>>754</td> </tr> </tbody> </table>		Thickness(mm)	Transverse (N)	Longitudinal (N)	13	>312	>754
Thickness(mm)	Transverse (N)	Longitudinal (N)						
13	>312	>754						

*Above parameters are tested under lab conditions. Actual performance could vary depending on site usage, conditions and working.

Handling & Storage:

General :

It is important to observe appropriate health and safety legislation when working on site i.e. personal protective clothing and equipment, etc. The following notes are intended as general guidance only. In Practice, consideration must be given to design criteria requiring specific project solutions.

Storage :

- Gypsum board shall be stored in warehouse or other suitable structure where they will not be exposed to inclement weather or to temperatures that frequently exceed 49°C.
- Gypsum panel products shall not be left in heavy traffic areas or where they can be damaged by lift trucks and other warehouse equipment, nor shall they be stored at aisle intersections.
- Ensure cross ventilation in storage area. Do not let Gypsum boards get wet; wrap it properly if it is not likely to be used for a long time. Gypsum panel products shall always be stored flat.
- The horizontal distance between risers shall not exceed 24 in. (600 mm). The recommended placement of risers for storage of various lengths of gypsum panel products
- Gypsum panel products shall be stocked so that weight is evenly distributed and the floor is not overloaded.

Handling

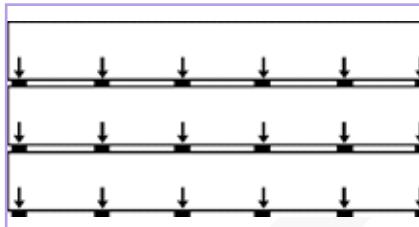


- Operate from the corners of the stack.
- Unlock the knees for low level work.
- Lift board together to vertical position.
- Only lift what you feel you can manage, If necessary, seek assistance.



- Carry the board in a balanced manner across the body.
- If walking backwards, ensure it is over the shortest possible distance and clear the route

Storage



Application and Installation:

Refer below links for more details.

- <https://www.gyproc.in/resources-videos>
- <https://play.google.com/store/apps/details?id=com.sg.R14A.GyprocTechConnect>

Note:

Effect of temperature/humidity:

Gyproc® Duraline Board is unsuitable to use in areas with high humidity/ dampness. It is also unsuitable to use in areas where the temperature frequently exceeds 49°C.

Effect of condensation:

Condensation leads to mold growth in the gypsum boards. Necessary care has to be taken at the design stage to eliminate any possible root cause of condensation.