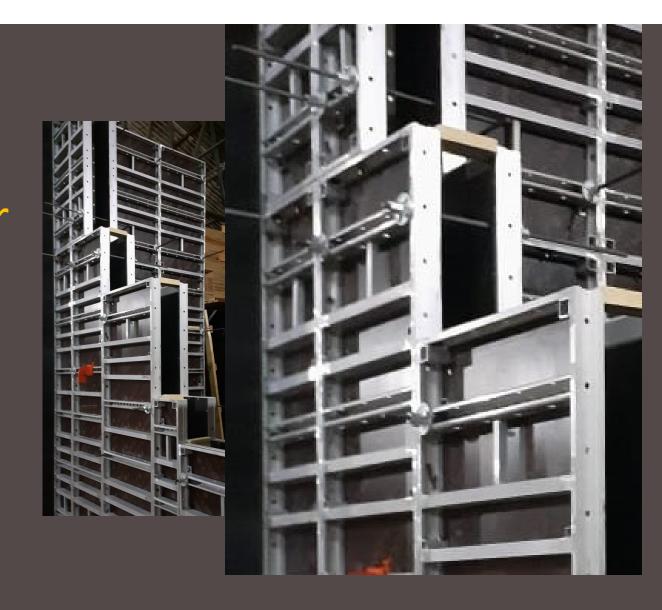
# Aluply

A versatile modular panel system for vertical formwork application



## Muply

#### **Product introduction**

Aluply has been developed keeping in mind of Indian construction industries difficulties like labour skill set, weight handling. This product will work for the purpose of vertical formwork application such as wall and column.



This system can be planned & utilized structures such as retaining Wall, Footings, plinth beam, core wall, shear wall and column, etc.

This product is ideal solution for any type of climbing formwork used in highrise & infra projects



Sizes in widths in mm 300, 450, 600, 750 mm

Sizes in heights in mm

1200

1500

2400

3000

Universal panels designed for 50 mm incremental to decrease/increase column sizes



## Muply

#### **Product Features**

Aluply is available in various standard sizes. It's pick & play concept allows versatility wherein column formwork can be converted into wall formwork and vice versa.

All panels are universal panel that provides the flexibility of change in size. It is actually benefiting by saving the further investment cost.



#### Material used in Aluply

Aluminium section profile 6061 – T6 grade.

Frame making through PLC sawing machine and welded with branded filler coils

12mm Birchply imported from Russia.

9ply core with each 1.4mm veneer has no joints leads to much longer repetitions when secured in frame.

Light weight panel system – 18kg per sqm approx still designed for 60 Kn/sqm



### **Technical Features**

Aluply is made out of aluminium hollow sectional frame with high quality Russian Birchply sheeting. 12mm Plywood sheeting is protected with frame and sealing agent.



| Cechnical specifications                     |         |
|--|---------|
| Parameters                                   | Values  |
| Density kg/cubic meter                       | 640-700 |
| Moisture Content %                           | 8-10    |
| Minimum Ultimate strength MPa                |         |
| Shear along the glue layer                   | 1.5     |
| Static bending along the grain (Outer layer) | 25      |
| Tension along the grain                      | 30      |
| Minimum elastic module, MPa                  | 7000    |



20x20 Inside corner – steel with matching with

# connecting accessories

Its connecting accessories are processed with high quality steel items from primary supplier and Outside corner – steel with paint international standard.











#### THANK YOU

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