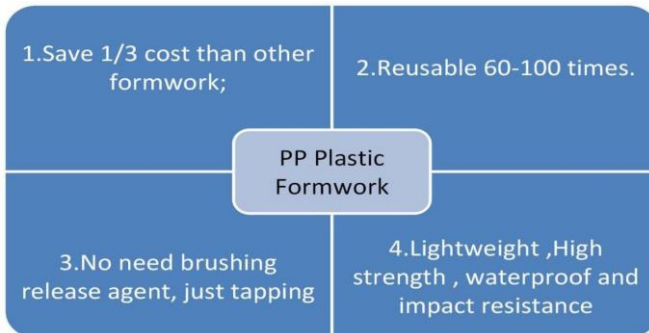




COMPARATIVE STUDY WITH OUR PLASTIC FORM WORK :



Conceptual in Slab work application	AMRUTHA (PP HOLLOW SHEET 12 MM)	PVC FORM WORK SHEET- 14 mm	WOODEN FORM WORK - 12 mm	ALUMINIUM FORM WORK	MS PLATE FORM WORK
Costing to Builders -Unit-Average INR / Sq M	13.5	34	100	31	18
Reuse - No. of Times	50-100	15-25	4-6	80-100	8-15
Wear Resistance	Moderate	Low	Non wear	Non wear	Non wear
Water Absorption effect	Water resistant	Water resistant	water absorption	Water resistant	Corrosion effect
Ease of Demoulding	Excellent	Excellent	Cleaning difficulty	Mold release	Mud Oil to apply
Nailing / Screw Fastenig	Excellent	Fast wear / Occasional	Excellent	Not applicable	Not applicable
Expansion and Shrink with ambiet temp difference	< 0.5% - EXCELLENT	> 0.8% - Not Good	< 0.5% - EXCELLENT	>1.5% - Not good	> 1.0 % - Not good
Drop Test from 10 Met	Not Break - Intact	Occasional Break	Occasional Break	Siverely Deformed	Deformed
Weight / sq met	8	13	7.5	18	24
Scrap reclamation Value	25%	15%	Nil	45%	30%
Unit market price inr /sq m	900	800	600	4500	2000
Labour involvement	Less fatigue to workmen /semi skilled ok	Less fatigue to workmen /semi skilled	workmen fatigue /semi skilled ok	workmen fatigue /skilled	workmen fatigue /semi skilled ok
Energy saving IN Manufacturing n environmental impact	Recycling and Less enviro impact with Low energy consumption	Recycling and Less enviro impact with	Non recyclable n De-Forest threat	Recyclable - Higher Energy consuming	Recyclable - Higher Energy consuming



Why we use Amrutha Plastic Form Work Sheets ?

- Wood substitutes_ with scarcity of wood and to protect the trees / environment friendly
- Low weight and easy to transport / handling / Reduced workers fatigue
- Unit usage cost benefit (80% cost saving compared to wood)
- Extended life as it is non absorbent (Moist proof)
- Recyclable. Buy back of Scrap will reduce disposing issues and saves money
- Turmite and Fungus free and can no special storage precautions
- Mud oil not required in Slab n concrete works as in case of Steel plates.
- Improved surface finish and eliminates plastering
- Ease of De-shuttering as cement residues does not stick
- Make in India initiative – First time developed for Indian Construction Industry



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