



Shuttering board-some useful additives

In the building industry several type of shuttering panels are used to prepare concreting formwork.



Shuttering plywood or 3-ply shuttering boards represent a simple, quick and economic way to prepare ordinary formwork.

For example the 3-ply shuttering board, one of the most used, is made of 3 plywood



glued with amino resins under high temperature and medium pressure.

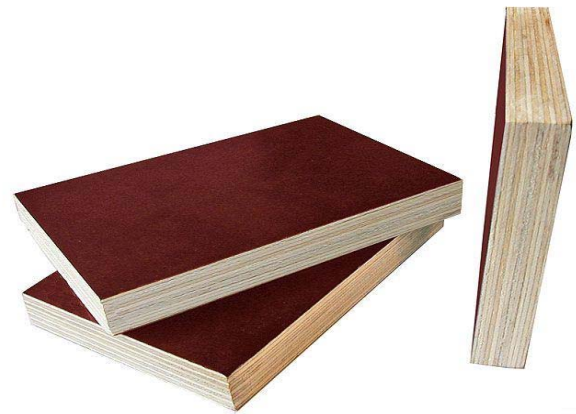
Both external sides have a melamine pigmented protection that improves the resistance to alkali, humidity and gives the possibility of several reuses.

In preparing these shuttering panels some additives are used, from hardeners to surface modifier.

WIZ chemicals can offer this range of additives and we would like to focus the attention over some of them like **ALTON PT 1220**, a multi function wetting agent that enables to improve the saturation and the flow of the resin during the coating and **ALTON ES 710**, a special emulsified lubricant that gives smooth and homogeneous dry surface without bubble and craters improving the numbers of reusing cycle.

Hydrophobic additives, to improve the surface and the edges water repellence, are available as well as pigments of different colour.

Alternative of shuttering boards for more durable use are the film faced plywood



where the external surface is coated by a phenol or polypropylene film.

About this last type WIZ has recently developed a specific hardener to strongly catalyse the amino resin used to glue the plywood to the plastic foil.

Contact our commercial department to get more info.