MEDIUM DENSITY FIBERBOARD

VARIATIONS
MDF, High Density Fiberboard

DESCRIPTION
Uniformly colored board consisting of pressed wood particles without any grain.

USES
MDF’s lack of grain and uniform color make it set apart from other wood products. MDF can serve the same utility in model bases or furniture pieces as plywood or OSB. It is a favorite material to be machine routed because of its lack of grain.

MANUFACTURE
Much MDF is manufactured in Europe, though a good amount is produced in New England as well. A number of types of species may be inputs; wood is ground and compacted, softened, and fed into a defibrator. The defibrator further grinds the material in a steam environment. Resin and wax are added before pressing under tremendous pressure.

NOTABLE INGREDIENTS
Woods, recycled paper, bamboo, sawmill cut offs, Formaldehyde (carcinogenic) (unless otherwise noted by producer).

DISPOSAL
Usable scraps to Reuse Stations, unusable scraps to wood dumpster behind shop. Formaldehyde will contaminate the ground.

SAFETY NOTES
-MDF should be cut in the shop. Follow all precautions associated with the particular tools used in the shop.
-Due to its density, when MDF is cut, it produces a lot of sawdust. This dust contains amounts of formaldehyde, a carcinogen that is not desirable to inhale. Always wear a respirator when cutting or sanding MDF.

MDF sheet CNC routed