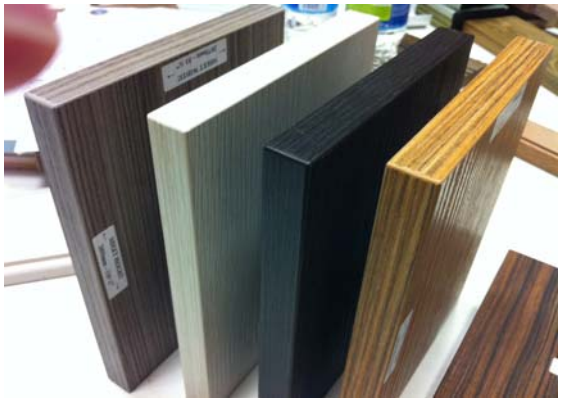
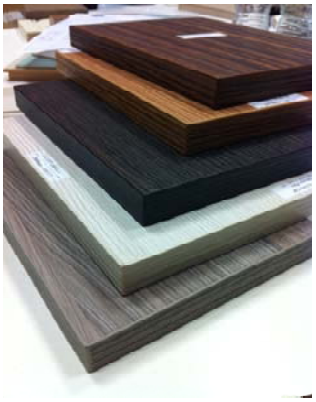
NUVO Finishes info 3/1/12

*Keep in mind that any time we use this material, it is used as a decorative panel and not as a structural piece. The standard NUVO cabinets are all made from 3/4" furniture grade plywood. The Textured or Acrylic panels are simply used a cover panels, doors, and drawer faces.

Our Textured Laminate
-Form of HPL (high pressure laminate)
-Made from recycled wood
-Extrememly Strong
-Heat Treated
-Has a phenolic backer
-1.5mm ABS Matching Edgebanding (green product)
-Sequenced, continuous grain on all pieces
-Latest technology from Europe

Details: Our Textured Laminate is a form of High Pressure Laminate. It is extremely strong, heat treated, and has a phenolic backer. We apply this surface to both sides of a particle board substrate. Then we apply a 1.5mm thick ABS edgebanding with matching texture and through color. Then all the corners are rounded to give it a nice soft appearance.
From a durability standpoint, there is no comparison between this and thermofoil . In addition to this, because we build one piece at a time and cut panels in sequenced fashion, the grain is continuous from panel to panel. Can't do that with thermofoil.
From a green standpoint, our materials are made from recycled wood fiber. Also the edgebanding is made from ABS which is a considered a green product as there is no off gassing. This is the latest and greatest technology from Europe. See pics below.


Acrylic Colors
-1mm thick solid ABS layer with color all the way through.
-Matching high gloss 1.5mm ABS edgebanding
-Matching color laminate on back (not high gloss)

Details: The new high gloss acrylic colors are actually a a 1mm thick ABS laminate or veneer. It is applied to a 3/4" MDF substrate because MDF is a very stable material. The back side of each panel is covered with a durable plastic laminate that has a matching color. This is done to insure that the panel is "balanced" and because we don't use ABS, we're able to keep the price lower. The edge is a 1.5mm thick ABS edgebanding with a matching high gloss finish.


Thermofoil - used by others
-Thin plastic foil applied with vacuum/heat
-Large radius corners on front
-Sharp corner on back
-Seam on back is susceptible to moisture and splitting
-"high gloss colors" show any slight imperfection in substrate.
-No capablitliy for continuous grain.
-Thin enough to create profiled edges.

Details: Thermofoil is a very thin material that is applied with a machine similar to a vacuum. You can tell a part is thermofoil by looking at the edges. A thermofoil panel will have rounded front corners and sharp back corner. Usually you can see the wood grain/pattern bend and distort around the corners. Usually the manufacturer will use a less expensive laminate on the backside of the panel that doesn't match the front. The corner where these two materials meet is usually very sharp. Thermofoil is more susceptible to moisture and splitting since the material is so thin. It has to be to stretch over a corner and stay flat. If you held our product; both textured laminates, and high gloss acrylics, to their counterparts in thermofoil, the differences are clear.
See pics below.