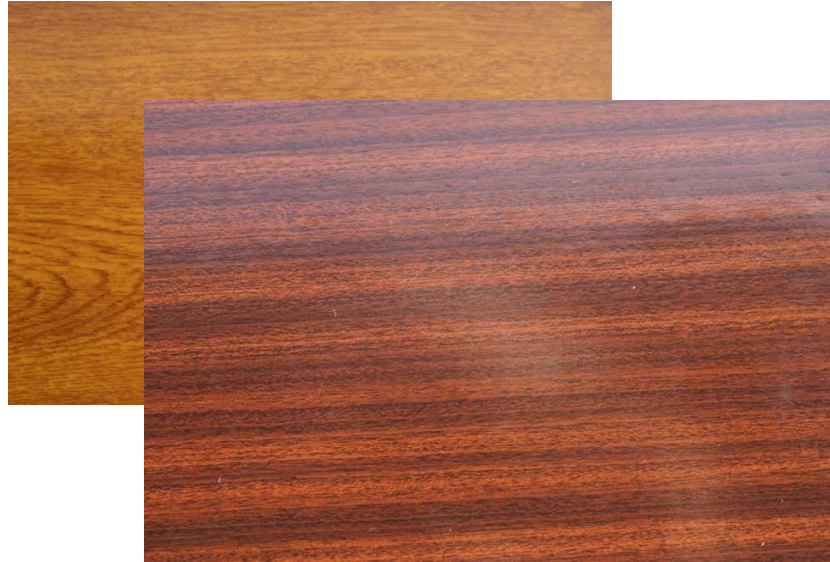




Detail Information (1)

- Properties
- Components
- Production



■ Properties

- ◆ Keeps fire from spreading
- ◆ Minimizes heat transfer
- ◆ Noise reduction
- ◆ Steam barrier
- ◆ Immune to many chemical products (Diesel, oil, etc.)
- ◆ Efficacy not affected by age

■ Components

- ◆ Thermoplastics
- ◆ Aluminumhydroxide ATH

■ Production

- ◆ Processes
 - Extruder
 - Calender
 - Injection molding

◆ Different levels of flexibility through variations of thermoplastic components.

◆ Different variations:

- TPO foil
- Fleece
- (Woven) Fabrics

◆ Rolls or sheets

- Weight per m² per mm: ca. 1,7 kg (10,7 square feet, 0,03 inches thick ~3.75 pounds; 1 square foot, 0,03 inches thick ~0,35 pounds)

Detail Information (2)

- Subsequent Processing
- Possible Applications
- Toxicity



■ Subsequent Processing

- ◆ Easy to work with
 - Can be cut easily (box cutter)
 - Can be formed easily (hot air gun at low setting)
 - No special tools necessary
- ◆ Can be combined with other materials (TPO, fleece, fabrics, ...)

■ Possible Applications

- ◆ Building Industry
 - Floor
 - Walls
 - Interior walls
 - Curtains
 - Dividers
 - Staircases
 - Steel beams
 - Wooden beams

- Piping
 - Water or air
 - Cover for existing pipes

- ◆ Transport Industry

- Trains
- Trucks
- Buses
- Ships
- Military vehicles
- Planes
- Engine compartments

- Toxicity

- ◆ No toxicity
- ◆ Low smoke density

Thank you for your attention

