

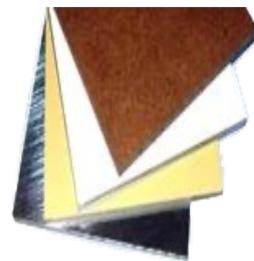
## Entry Phenodrill-M

### Description

Alltech Phenodrill-M is a high-pressure laminate based on special phenolic resins and kraft paper, melamine coated, manufactured on a continuous press, that can be used as a drill entry, especially for drilling FPC, HDI, BGA and special circuit board materials. The unique material and construction helps reduce warping and is reversible when absorbing moisture. The resin provides effective heat transfer and makes it easier to evacuate chips on the drill. The special kraft paper prevents dust on the work table and clogging of the hole. It generates less abrasion, drill breakage and higher drilling accuracy. The drill entry has low moisture absorption, is more durable and offers high stability. Alltech Phenodrill-M offers very good drill properties and an excellent price/performance ratio.

### Technical Data

Physical Property	Reported Units	Typical Values
<b>Thickness</b>	mm	0,30 - 0,80 ± 10%
<b>Size Tolerance</b>	mm	± 2.0
<b>Squareness</b>	mm/m	≤ 2.0
<b>Warpage</b>	%	≤ 0,6
<b>Density</b>	kg/m <sup>3</sup>	1350± 50
<b>Surface Hardness</b>	HD	90 ± 5
<b>Moisture Content</b>	%	≤ 4.0
<b>Colour</b>	White, matte	



### Surface

Alltech Phenodrill-M is available in white.

### Form of Delivery / Tooling

Alltech Phenodrill-M is available in sheets, panels, tooled or un-tooled according to customer demand.

### Quality

CCI and supplier are certified according to ISO:9001.

### Storage

Materials are not allowed to be stored in open storage or in storage areas exposed to moisture. Increased humidity can cause the materials to warp. Store the materials in a dry, well-ventilated indoor area. Place on a flat surface or shelf and keep away from sources of fire. Storage temperature: 5–25 °C, relative humidity: < 60%

### Environment / Disposal

Alltech Phenodrill-M is FSC compliant, hazard-free and non-toxic. Disposal of wastes can take place by consumer according to local environmental and disposal regulations.

### General Safety Information

Only use the product for applications described in the product data sheet, the product is intended for industrial use only, the product is not suitable for food industry, the product must not be eaten.