6-part Motley Cubes made using Maverick modules

Motley designs are designs which use more than one type of parallelogram module in the same design.

Motley 6-part cubes go together on the same modular pattern as the standard 6-part Sonobe and Letterbox cubes and the modules are configured accordingly. All three types of module can be folded in right handed and left handed variants, giving the six basic modules shown here.

These colours are used to identify the modules throughout the diagrams.

It is worth noting that, because of the difference in the way they are folded, the left handed Letterbox module is the same shape as the right handed Maverick and Sonobe modules and vice versa.
6-part Motley Cube A
This cube is made from 2 x right handed Maverick modules, 2 x left handed Maverick modules and 2 x right handed Sonobe modules. The modules are configured and assembled in the way shown below.
6-part Motley Cube B
This cube is made from 2 x right handed Maverick modules, 2 x left handed Maverick modules and 2 x left handed Sonobe modules. The modules are configured and assembled in the way shown below.
6-part Motley Cube C

This cube is made from 2 x right handed Maverick modules, 2 x left handed Maverick modules and 2 x right handed Letterbox modules. The modules are configured and assembled in the way shown below.
6-part Motley Cube D
This cube is made from 2 x right handed Maverick modules, 2 x left handed Maverick
modules and 2 x left handed Letterbox modules. The modules are configured and
assembled in the way shown below.