

# CORAFOAM® HDU Vs. Wood

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HDU offers several improvements over traditional wood substrates, particularly for exterior signage. In addition to being less expensive than wood outright, it also offers significant labor savings in its availability of large sheet sizes and thicknesses that are ready for fabrication immediately, instead of requiring joining and planning prior to starting work.

For outdoor use, CORAFOAM®, being a closed-cell product, cannot absorb water and will not rot, crack or warp. Because of this, CORAFOAM® signs have a lifetime warranty outdoors.

## Installing

### Adding fasteners to CORAFOAM®:

The most “bulletproof” method of attaching fasteners to CORAFOAM® is to drill a hole that is slightly wider and deeper than the fastener, fill it with epoxy or polyurethane resin, set the fastener in and let it cure.

### Reinforcing/Backing:

Due to its grain-free structure, in many situations it is recommended to reinforce CORAFOAM® by using a backer or adding reinforcement in strategic areas, or by building a frame.

When installing a sign that will be getting a lot of sun (facing south), with an additional consideration being if it is also painted a dark color, it is recommended to use at least 1.5” or 2” thick CORAFOAM®, and to consider backing/reinforcing it, and/or applying fasteners every 12-14”.

### General Installation Note:

The many variables and circumstances surrounding each individual sign installation mean that a one-size fits all answer is not always possible to provide. When in doubt, DUNA-USA recommends contacting a sign engineering firm.

