

# poligon®

## Artisan Wood

Poligon Artisan Wood structures uniquely combine the natural warmth and beauty of wood trellis members (latilla) with the strength and durability of steel supporting framework.

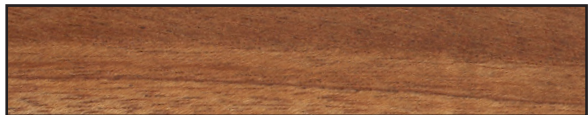
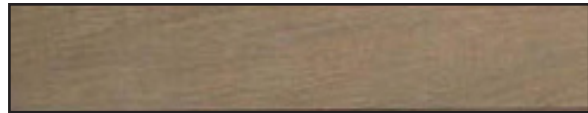
Ipe, mahogany, and cedar, all long-lasting, decay-resisting and distinctive woods, can be selected as overhead latilla members. Steel supporting members can be finished in a wide range of undercoat treatments and final powdercoat colors.

The use of wood as latilla tends to naturalize the look and feel of a trellis in its setting, an effect well suited to many parks, public, and private spaces. Wood latilla also create a more hospitable environment for climbing and vining plants, as wood remains cooler than metal and allows for better plant attachment. To assist in training and supporting climbing vegetation, "Climbing Timbers", matching vertical pairs of column supported 2 x 6\* can be installed at column locations.



### Wood Species Options

- Ipe, a darker reddish brown, very dense tropical wood ideal for exterior installations, with a Janka hardness rating of 3,510 lbs. Ipe is available as smooth grade 2 x 6\* size.
- Mahogany, a tan to reddish brown tropical wood proven to be very durable in exterior applications, with a Janka hardness rating of 1,070 lbs. Mahogany is available as smooth grade 2 x 6\* size.
- Cedar, a lighter red colored northern soft wood well known for its resistance to weathering, with a Janka hardness rating of 350 lbs. Cedar is available in a range of sizes including 2 x 6\*, 2 x 8\*, 3 x 6\*, 4 x 8\*. Cedar is available as either smooth finish or as rough cut.



*\*Dimensions are nominal, actual dimensions will vary*

# Artisan Wood Collection

**Woods:** The Artisan Wood Collection consists of steel frame trellis designs that utilize Ipe, Mahogany Cedar woods as latilla members. These three woods are all known for their resistance to weathering and each offer different color, texture and sizes (wood dimensions are nominal).

- **Ipe:** A darker, reddish-brown, very dense and rot resistant tropical wood ideal for exterior installations and considered a premium decking material, with a Janka hardness rating of 3,510 lbs. **Ipe is available as smooth grade 2x6 latilla.**
- **Mahogany:** A highly valued light brown to reddish colored tropical wood with medium rot resistance, with a Janka hardness rating of 1,070 lbs. **Mahogany is available as smooth grade 2x6 latilla.**
- **Red Cedar:** A lighter red colored rot resistant northern soft wood often used in exterior applications, with a Janka hardness rating of 350 lbs. **Cedar is available as smooth grade as well as rough sawn grade, in 2x6, 3x6, 4x6 and 4x8 size latilla.**

## Wood Latilla Design Limitations:

Trellis support framing is, in general, the same for wood latilla as for steel tube latilla, there are, however, some limitations imposed when designing for wood latilla.

- Maximum lengths of wood latilla is limited to 15'
- Maximum spanning distance of wood latilla is limited to 15'
- It is recommended that wood latilla less than 2" thick be braced with second tier cross-ties.

Ipe and Mahogany latilla will require cross ties, as they are always less than 2" thick. Cedar latilla will require cross ties only when 2" or less in thickness.

## Wood Latilla End Options:

Five latilla end cut options are available.

