



Install Guide – Do’s and Don’ts

HANDLING

Duratel poles will arrive specially packaged and wrapped. We advise the use of a forklift to manage and move the poles within the utility yard and during unloading. When transporting the poles they should not be dragged. Always use straps, hand carts or other apparatuses to lift and protect the exterior of the pole.

It is ACCEPTABLE to use a forklift, utility pole claw, straps or other lifting mechanisms to transport or move Duratel poles. We recommend the use of nylon straps for lifting, binding or choking, instead of chains or steel cables. It is NOT ACCEPTABLE to drag, hitch or roll Duratel poles in an effort to move them.

STORAGE

During the manufacturing process, Duratel poles are thermoset. While some minor bowing may occur during storage in your utility yard, our poles will always revert to their original state and shape.

It is ACCEPTABLE to store Duratel poles in uncovered yards for extended periods of time.

BURIAL DEPTH

All Duratel poles should be direct buried a minimum of 10% of the pole length plus two feet. If direct burial will not work for your area or application, contact Duratel for unique installation options, including anchor bolts and steel bases.

It is ACCEPTABLE to bury a Duratel pole similar to equivalent wood products. Direct buried poles can be backfilled with dirt, gravel, rock or similar filler. Filler to be determined by utility based on qualified soil sample analysis. It is ACCEPTABLE to use a hydraulic tamper.

FIELD MODIFICATION

Duratel poles can be easily modified in the field using standard carbide-tipped drill bits. Holes should not be drilled closer than four inches on any axis of the pole. It is not necessary to use dust masks or other breathing apparatuses. Dust produced from cutting or drilling Duratel poles is minimal and harmless.

Duratel will gladly supply pre-drilled poles based on customer specifications.

ATTACHMENTS

When using galvanized steel through bolts to attach crossarms, transformers or other objects, do not exceed 10 foot lbs. of torque when tightening without the addition of an internal bushing. In addition, Duratel suggests the use of double nuts or a single nut and a lock washer.

Duratel offers a variety of permanent and detachable climbing and working pole steps. It is ACCEPTABLE to install detachable steps on the first 10 feet of a Duratel pole to gain access to permanent steps.

GROUND WIRE

Ground wires can be run either internally or externally on Duratel poles. For external applications it is ACCEPTABLE to use arrowhead fasteners to secure the ground wires in place.