

## Learning Objectives

Understand that polyurea coatings are generally characterized as plural-component, fast-curing elastomeric coatings.

Know that Polyurea coating chemistry varies widely between formulations; some are classified as hybrid polyureas and/or hybrid polyurethanes.

Understand that most polyurea coatings are aromatic, but some aliphatic versions are available.

Understand that aromatic polyurea coating colors can change or fade with weathering.

Understand that Polyurea coatings can be top-coated with other polyurethane coatings or other polyurea coatings, although the top-coating time frame is short, and a primer may be required for good intercoat adhesion.

Understand that polyurea coatings are typically installed at 20 to 40 mils minimum dry film thickness (DFT).

Understand that polyurea coating should be applied in a minimum of two separate coats.

Understand that aromatic and aliphatic polyurea coatings cure and dry to the touch in 3 sec.–20 min. and are usually completely cured in 10–24 hours at 75°F.

Understand that polyurea coatings are sprayed with plural-component equipment as recommended by the coating manufacturer.

Understand that polyurea coatings cure very quickly and have a very short time frame for over-coating or tying into coatings that have already been applied.