



# What is Din/sec?

- Din Sec is what the measurement of viscosity is called
- Viscosity is measured in seconds
- Viscosity is a technical term used to indicate if a liquid is thin or thick
- Graco Spray Station timings are based on a Ford #4 viscosity cup





Having the correct viscosity of paint is important to ensure the paint atomizes correctly and sprays well giving you a good quality finish. If your material is thin like water then the viscosity is said to be low, while if thick like latex interior paint then the viscosity is said to be high.

You should always test the viscosity of materials before spraying to see if thinning is required. The correct viscosity is important to ensure the paint atomizes correctly and sprays evenly.

Your Graco Spray Station comes equipped with a viscosity cup. The viscosity cup will help you determine the thickness of the paint. To test the liquids viscosity, dip the viscosity cup into the material to be sprayed and fill up to the top. Time how long, in seconds, it takes for the paint to empty the viscosity cup. Stop timing when the continuous flow of liquid from the bottom of the cup ends. This will determine if the material needs to be thinned before spraying.

If the material empties the viscosity cup in less time than the recommended Din sec rating for your Graco Spray Station, then you will not need to thin the material. If the time is above the recommended din sec rating for your Spray Station then thinning will be required.

## Common Materials the Graco Spray Station Can Spray

Typical materials that can be sprayed with all Graco Spray Stations without thinning	Typical materials that can be sprayed with a Graco Spray Station 2900 and 3900 without thinning	Typical materials that can be sprayed with a Graco Spray Station but will require thinning.
		
Deck and Fence Stains	Urethanes	Latex
Sealers	Acrylics	Primers
Varnishes	Enamels	Enamels
Urethanes	Varnishes	Epoxy Plastic adhesives
	Oils	
	Shellacs	
	Lacquers	
	Sealers	
	Deck and Fence Stains	
	Melamine	
	Shed and Fence Treatments	
	Aluminum paints	
	Marine coatings	

\*Please Note: This is a general guide. To ensure a proper finish, please make sure your material is at the correct viscosity before spraying.