

P&T Products

Manufacturer of Hot Pour Crack & Joint Sealants

Calculations to Help You Get Crack'in

A frequently asked question is “**What are the pounds per gallon for crack sealant?**” It’s a common question because the answer helps determine how much crack sealant is needed for a jobsite. Here’s what to know...

Rule of Thumb

The pounds per gallon is determined by the raw materials used to formulate the crack sealant. Each product by each manufacturer will have a slightly different density. The higher the pounds per gallon, the higher the density of the product. The higher the density, the more pounds are required to go the same distance as products with a lower density.



Do the Math

Locate the product data sheet. Most data sheets will list either pounds per gallon or specific gravity. If a data sheet lists the specific gravity, you will need to do a little math to calculate the pounds per gallon. Simply multiply the specific gravity by 8.34 to equal the pounds per gallon. For instance, a data sheet may reference 1.12 as the specific gravity. This equates to 9.34 pounds per gallon.

Helpful Tip

The majority of hot pour crack sealants are 9-10 pounds per gallon. I recommend using 10 pounds per gallon because it is easier to calculate how much material is needed. Plus, as you know, cracks are not uniformly sized and some require more sealant than others; therefore, having a little extra material can be helpful. Using 10 pounds per gallon also helps account for the sealant on the pavement surface in the overband.