

We are frequently asked how much chemical will I need? Or, what's the best dilution? These two questions are extremely wide open. So let's take a look at each one, including the various factors that will figure in to solving them.

How Much Chemical Do I Need?

How much chemical you need is dependent on several factors:

- What type of application system you are using;
- The square footage coverage for the clean area with your system;
- Total square footage to clean;
- Dilution to be used.

For example, if your machine can output 50 gallons of cleaner for a 1,700 sq ft building, and testing tells you that 30:1 is the right dilution – then divide output gallons by water to chemical (in this case 50 divided by 30) to get the estimated amount of chemical needed – 1.6666 gallons of undiluted chemical.

Since we will never be able to tell you about the equipment you are using or the dilution that will work best for you, we will never be able to tell you how much chemical you will need for a given job. As the cleaning professional, we fully expect that you will know your equipment better than we will.

What's My Dilution?

The only time we can tell you the specific dilution you will need is if the product is used undiluted or NMD 80, SOS-50, and Calcium Silicate Cleaner (which is always 4:1). Other than that, dilutions will always vary based on:

- Type of soil/stain and substrate;
- Equipment being used;
- Application method;
- Skill set of applicator.

We always recommend testing first at various dilutions, keeping in mind your equipment capability. Testing at a dilution your equipment cannot accommodate is pointless. Whatever the dilution on the test area that works best needs to be replicated when doing the entire job. All we can ever tell you is to test first to determine dilution on every project. Take the 15-20 minutes up front to have a better idea of what you're doing.

