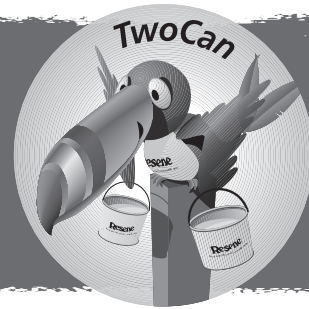


“ A New Year means a nice clean slate and a chance to think about what you really want to achieve this year. Sure those New Year resolutions might have long since gone out the window, but that doesn't mean you can't start some good new habits. The key is that it takes a bit of practice for them to become everyday habits, so best to start one new habit at a time and get into the hang of that before adding a second new habit. A new habit could be anything from always leaving behind colour and paint details with your card for the owner when you leave each project, to regularly posting on social media. Small regular habits can really pay off in the long run... ”



## Check twice

When it comes to wallpaper, the old adage goes measure twice, cut once. The same applies to many things, including parking the van as Dave tells us...

“Had a gang of painters doing a new house. I was in charge with another tradesman and two apprentices. The young apprentice was always keen to get back to the yard at the end of the day. As it was in the winter, the van we had always needed warming up with plenty of choke.



The apprentice started the van to warm it up, but he forgot to apply the handbrake. He came inside to pack up. The van was on the driveway which was not level but on a slope. The

van vibrated and slowly started to move down the slope towards the road. We looked out the window to see the van wipe out the block gate post before coming to a stop in the middle of the road. The boss was not too happy when he was told what had happened!

P.S. The apprentice was banned from starting or driving the van from that day on.”

## Going grey

Is that whitewash too pale, but the black stain too dark? Now there's a happy medium with the new on-trend Resene Woodsman Greywash. Resene Woodsman Greywash can be used on exterior timber to achieve a greywashed effect. It's based on Resene Woodsman Whitewash but with extra black tint that scandi whitewash look becomes a softer greywashed look. View the colour options in the Resene Woodcare sample box or view online at [www.resene.com/woodsman](http://www.resene.com/woodsman).



## Spray right

### Size does matter

We all know that applying paint by airless spray application can be a very speedy way of getting a lot of paint on the surface very quickly, however you have to make sure everything is set up just right otherwise you'll end up using up more paint and time than you planned. One of the keys to successful spray application is making sure you have the right equipment to do the job including the right tip.

Graco has recently changed its spray tips numbering, so to help keep you up to date, here's an update of our airless spray tip recommendations for you...

### Getting the best out of your spray equipment: Airless tip guide

If you have always wondered what all the numbers mean in the tip descriptions here's the easy way to decipher them... Take the first digit and multiply by 2 – that gives you the width of the fan. For example, a 515 would be a 10 inch fan (i.e. 5 x 2). The second and third digits tell you the size of the hole, therefore a 515 would be a 15 hole size.

#### Tip 1: The orifice size alone determines flow rate of tip

If you want to cover a greater area with each pass do not try to do this by backing the gun away from the surface. The further away you are the less paint will reach the surface and the more you'll waste as overspray. Instead,

use a tip with a larger fan and orifice. Remember if you use a tip with a larger fan but not a larger orifice, the build will be less and you'll have to move the gun slower.

#### Tip 2: Make sure tip and sprayer are rated for each other

Always make sure that the flow rate for the tip is lower than the maximum flow rate for the sprayer. If the tip flow rate is LESS than the sprayer flow rate you're all ok to go. If the tip flow rate is GREATER than the sprayer flow rate, you'll have to change either your tip or sprayer so that the sprayer flow rate is greater than the tip flow rate.

#### Manifold and tip filters

When selecting the right filter set up for your spray system there are a few basic rules that are well worth following. If your tip size is...

1. .007 thou to .011 thou, use a 200 mesh filter (red).
2. .012 thou to .014 thou, use a 100 mesh filter (light blue).
3. .015 thou to .021 thou use a 60 mesh filter (black).
4. .023 thou or more for high build coatings, use a 30 mesh filter (grey).

Using the right filter and regularly cleaning it will reduce tip clogging.

Filters must be free of all material after cleaning – if they aren't then it's time to replace them.

#### Airless hoses

Selecting the best diameter hose to meet your length requirements is critical to getting a good spraying pressure. The greater the hose diameter the greater the pressure at the gun. If you decrease the diameter or reduce the hose length, the pressure at the gun will reduce.

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>> When joining hoses together, connect the largest diameter hose to the sprayer, then the smaller hose to that.

For example, a unit connected to 3/8 hose connected to 1/4 inch hose will give maximum pressure when spraying.

High build coatings require a larger diameter hose (3/8) to minimise the risk of tailing.

### Health and safety

At all times use and follow the manufacturer's directions and wear the appropriate gear.

*Keep an eye out for more tip and tip cleaning advice next issue.*

### Recommended tip sizes for Resene products to get you started

These are good guidelines for exterior/interior work based on the average flow of a unit. You may wish to use higher or lower tip sizes; example: for doors you may choose to use a FFLP 414 tip and a FFLP 310 tip for the frames. Please don't hesitate to contact us for further advice to suit your specific project requirements.

### Five (six) ways to extend tip life

1. Spray at the lowest pressure that atomises the material.
  2. Strain the material before you spray it.
  3. Use the correct size filters.
  4. Clean the filters after every use.
  5. Clean the tip with a soft-bristled brush.
  6. Work less (only an option if you don't have a mortgage to pay off!)
- Always make sure you have the right tip in good nick otherwise your profits will be sprayed away in excess paint and labour.

### Power cords

Although most units are rated at 10 amps it is recommended that you use a power cord 25 metres or shorter, rated up to 25 amps. Use a ProGuard and electrical surge protection plug, especially in smaller units, such as 390, 395, 490, 495 and 595. If you need to work over a longer distance, add additional hose not cord.

Product	Data Sheet	Hose (no less than)	Filter	LTX tip (blue)	FFLP tip (green)	Safety mask
<b>Waterborne topcoats</b>						
Aquaclear	D59	1/4	60 mesh (black)	-	414	PV2
Ceiling Paint	D305	1/4	60 mesh (black)	517	516	PV2
Clinicalcote	D318	1/4	60 mesh (black)	515	516	PV2
CyberCote	D323	1/4	60 mesh (black)	-	516	PV2
Enamacryl	D309	1/4	60 mesh (black)	-	414	PV2
FX Metallic	D309a	1/4	30 mesh (grey)	-	516	PV2
Hi-Glo	D31	1/4	60 mesh (black)	515	414	PV2
Lumbersider	D34	1/4	60 mesh (black)	515	516	PV2
Lustacryl	D310	1/4	60 mesh (black)	-	412	PV2
Sonyx 101	D30	1/4	60 mesh (black)	515	516	PV2
SpaceCote Flat	D314	1/4	60 mesh (black)	-	516	PV2
SpaceCote Low Sheen	D311	1/4	60 mesh (black)	515	516	PV2
Summit Roof Metallic	D315M	1/4	30 mesh (grey)	517	-	PV2
Summit Roof Commercial	D315S	1/4	60 mesh (black)	-	516	PV2
Summit Roof Semi-Gloss	D315S	1/4	60 mesh (black)	-	516	PV2
Zylone Sheen	D302	1/4	60 mesh (black)	515	516	PV2
<b>Primers/sealers/undercoats</b>						
Acrylic Undercoat	D404	1/4	60 mesh (black)	515	516	PV2
Broadwall 3 in 1	D810	3/8	30 mesh (grey)	525	-	PV2
Broadwall Surface Prep & Seal	D807	1/4 or 3/8	30 mesh (grey)	523	-	PV2
Broadwall WB Wallboard Sealer	D403	1/4	60 mesh (black)	517	-	PV2
Concrete Primer	D405	1/4	60 mesh (black)	517	-	PV2
Enamel Undercoat	D44	1/4	60 mesh (black)	515	414	Carbon filter
Galvo One	D41	1/4	60 mesh (black)	515	414	Carbon filter
Galvo-Prime	D402	1/4	60 mesh (black)	517	516	PV2
Limelock	D809	1/4	60 mesh (black)	-	414	PV2
Quick Dry	D45	1/4	60 mesh (black)	515	516	PV2
Sureseal	D42	1/4	100 mesh (blue)	-	414	Carbon filter
Timber Surface Prep	D814	3/8	30 mesh (grey)	523	-	Carbon filter
WB Smooth Surface Sealer	D47a	1/4	100 mesh (blue)	-	412	Carbon filter
Wood Primer	D40	1/4	60 mesh (black)	515	414	Carbon filter
<b>Solventborne topcoats</b>						
Ceiling Velvet	D321	1/4	60 mesh (black)	517	516	Carbon filter
Lusta-Glo	D33	1/4	100 mesh (blue)	-	412	Carbon filter
Qristal Clear Polyurethane	D52	1/4	60 mesh (black)	-	412	Carbon filter
Room Velvet	D320	1/4	60 mesh (black)	517	516	Carbon filter
Super Gloss	D32	1/4	100 mesh (blue)	-	412	Carbon filter

### Recommended tip sizes for common coatings

Material	Tip size (in.)
Stain or lacquer	.011 to .013
Solventborne paint	.013 to .015
Waterborne paint	.015 to .019
Heavy acrylic and smooth elastomeric	.021 to .025
Elastomeric and block filler	.025 to .035+

