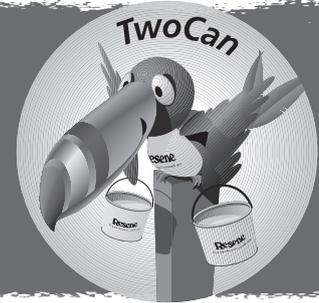


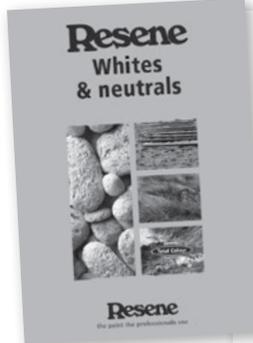
“ Now we’re in February the weather is hot hot hot. Not only do you need to look after your skin to avoid damage, you also need to look after your paint. Paint is always best stored in a cool place, out of direct sunlight, even more so if the paint is solventborne or you are using thinners. We recently found out just how much the sun can affect paint, rapidly turning it into an explosive can. So remember to take care with oil or solvent soaked rags and keep your paint cool and dry – it will last longer, apply easier and minimise heat related risks... ”



## A favourite updated

It's really quite surprising just how many whites and neutrals colour charts are used every year. The one chart that always goes the fastest is the Resene Whites & Neutrals 'A4' collection. While we have The Range Whites & Neutrals fandeck and the individual palettes, we also have the Resene Whites & Neutrals colour chart with the best of the whites and neutrals for those who want to focus on the top neutrals. Over time this collection has become whiter, greiger, greyer and blacker... and definitely less creamy and less peachy.

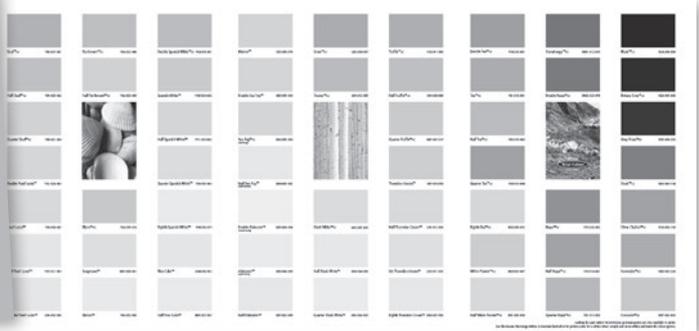
As with all our colour charts, we also review this colour range regularly and curate the colour collection to make sure it brings together the right collection of colours. The



latest version introduces Resene Black, Resene Quarter Truffle and Resene Eighth Tea.

It's a handy subset of the larger fandeck and palette collection and useful as a start point for clients looking for whites and neutrals options.

Available free from Resene ColorShops and selected resellers or order online at [www.resene.com/specifierorder](http://www.resene.com/specifierorder).



## Melting moment

"We bought our first house in 1975, a do-upper in pretty poor condition. We were absolute novices at this DIY stuff but how hard could it be?!"

We worked our way through the house, new curtains, painting, wallpapering, so green were we that it took time.

On the last leg we decided to repaint the kitchen cupboards with gloss enamel one Saturday morning, it would be a doddle to finish by lunch time and meet a friend to go to club rugby. A good idea was to put the slow cooker on with a lovely piece of corned silverside so we could even go to the club rooms after and come home to find dinner cooked.

We arrived home after a team win, a few beers at the club and could smell the dinner when we came into the house.

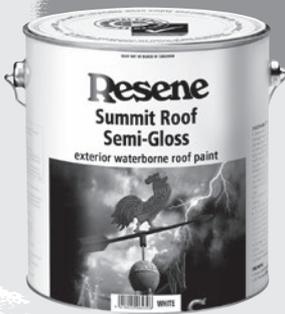
Then we discovered the kitchen. The steam and heat from the crockpot had peeled the paint off all the cupboard doors above and around the crockpot and we spent the rest of the evening scraping the remaining paint off.

The dinner was still good though, and the team did win!"

It just goes to show new paint doesn't like cooking!

*Thanks to Maureen!*





## Semi in summit

When you're choosing coatings, as well as deciding on the right product type and colour, you also need to factor in the gloss level. Even though to the naked eye all sheen levels may look smooth, typically the higher the gloss, the easier the coating is to keep clean. The flatter the finish, the rougher the surface

finish which tends to hold onto dirt and contaminants and makes it harder to clean.

Resene Summit Roof in a semi-gloss finish provides a durable option with improved cleanability without the glare of a higher gloss. It's available in the complete range of Resene Roof Systems colours as well as an extensive range of other Resene colours, including Resene CoolColours.



## Beware the big bang

What happens when you leave a can of rags soaked in thinner in a paint can outside on a hot day?

Don't know? Well, we definitely don't recommend trying it.

Unfortunately we had exactly this situation at a Resene ColorShop late last year with some PaintWise returns. The lid exploded off one can spraying burning paint onto a nearby person. It was a scary incident that could have caused even more serious injuries.

It's a timely reminder for all of us that cans of paint should not be left outside in the sun and that you always need to take care with solvent soaked rags to avoid the risk of them combusting and causing a fire or explosion.

To help keep everyone safe, here's a reminder on **how to avoid spontaneous combustion**.

At the end of a long day we all look forward to grabbing our coats and heading home for the evening to relax. Unfortunately, there can be hidden dangers left behind if we are in too much of a hurry.

Imagine the scenario, of painting the trim and doors of a suite of offices with an oil based varnish over several days. Each evening you grab the oily papers and rags used to protect the floors and clean the brushes and stuff them in a plastic bag and dump it in the bin.

Those papers and rags may contain drying oils which oxidise and in doing so generate heat.

That in itself is not that bad on a smooth surface where the heat can dissipate. Oxidation is a common process and in the majority of cases the heat formed is quickly and easily dissipated. Take the case of rust forming on steel. The oxidation process is slow and any heat produced is so small that normally spontaneous combustion would not be an issue.

If however, oxidation takes place in a confined space, where thin layers of oil are exposed to air providing maximum oxidation, the heat begins to build and will continue to do so until it reaches the spontaneous combustion temperature. A bundle of paper and rags can ignite and may result in major damage and possible threat to life.

Similar problems are known to occur in other combustible materials such as haystacks and heaps of straw and saw dust. Here, oxidation can be induced by bacteriological attack through fermentation creating ignition heat which may destroy most of the bacteria, but can still result in fire.

Paints based on oils and alkyds produced on Tung oil, Linseed and Soya bean are particularly susceptible to this problem which can have devastating consequences.

Spontaneous combustion is triggered by:

1. Rate of heat generated through oxidation.
2. The supply of air.
3. Combustible insulating material in the immediate surroundings.

It is good practice to assume that all solvent based, oil based or flammable products are possible sources of spontaneous combustion. The care and disposal of soiled materials from these jobs is critical to the welfare of the site and the people working on it.

Spontaneous combustion can be avoided by:

1. Allowing soiled rags and papers to dry out and air in flat open areas rather than crumpled up.
2. Immerse the rags etc. in water and then put them in a sealed container.

Not all products are prone to spontaneous combustion but it pays to be cautious. Examine the labels on cans carefully to look for warnings and if in doubt follow the guidance above. It may take an extra couple of minutes but they might just prevent a major accident.

If you're clearing out your shed these holidays to bring unwanted paint into PaintWise (NZ only), make sure it fits the acceptance list before you bring it in. If in doubt, ask our staff. If there is no PaintWise service in your area, check with your council for recycling and disposal options.

### Resene PaintWise accepts

- All waterborne paints, all brands, must be in original labelled/printed packaging (rusty packaging is acceptable).
- All solventborne paints, all brands, must be in original labelled/printed packaging (rusty packaging is acceptable).
- All protective coatings two packs and hardeners produced by Resene or Resene Group companies (Altex, Resene, Rockcote/PSL).
- All polyurethanes.
- All textured coatings produced by Resene or Resene Group companies (Altex, Resene, Rockcote/PSL).
- All mineral turps, paint thinners, raw or boiled linseed oil, tung oil, methylated spirits and solventborne brush cleaners. The solvents can be 'dirty' – i.e. they have been used for cleaning, but must be in their original identifiable container for safety reasons.
- All Resene empty tinter cans.
- Maximum pack size is 20 litres.

Original labelled/printed packaging is still accepted if rusty provided it is in the original packaging and the contents match the packaging.

**Remember**, you can bring back empty Resene plastic pails for recycling free of charge to any Resene PaintWise location (NZ only) to be made into more Resene plastic pails. A small charge applies for other Resene products/packs and non Resene products/packs.



Catch you next month!

TwoCan, Editor.

