

“ Just as you were getting used to the balmy (perhaps too balmy?) warm weather, it's looking to cool itself over the next wee while, so its time to pull out the trusty **Wintergrade** products for the coming winter period. Of course cool weather tends to bring with it rain, which tends to bring with it the unwanted risk of blisters... and if you've been plagued by that one in the past you might find the info in this TradeLines will save you some hassles this autumn...”



## Chill buster

With the temperature gauges starting to slide, the Production boys and girls are cranking up the supply of the **Resene Wintergrade** products. Thanks to your requests, the Resene Wintergrade range has grown over the years and now includes: **Resene Wintergrade Lumbersider**, **Resene Wintergrade Hi-Glo**, **Resene Wintergrade Sonyx 101**, **Resene Wintergrade Quick Dry**, **Resene Wintergrade X-200** and **Resene Wintergrade Roof Primer** to help you keep working over winter. The recommended drying temperature for all products is a supercool 2°C, which means you are buying yourself an insurance policy against the cold.

Cold weather means that standard waterborne paint can't form a proper film at low temperatures as the acrylic base needs some warmth to make the particles soft enough to stick together. Unless the paint is based on wintergrade technology, a paint film dried in the cold can crack and even just dry to a powder. There's an intermediate set of temperatures between 5°C to 10°C where the film seems to form okay but looks can

be deceptive as the coating is likely to have much poorer than normal durability.

But before you get disheartened, painting over winter definitely is possible, especially if you have a trusty pail of a **Resene Wintergrade** product at your side. Best of all the Wintergrade versions are just the same price as the normal versions, so you can just choose whichever product fits in with your local weather conditions. Finishes of wintergrade products can differ slightly from the standard products so if you start a job in wintergrade products we recommend you finish it in wintergrade products to get the most even finish.

Production will be churning out batches of wintergrade products from now until the end of August, at which time the optimists among us think it might just start feeling warmer or else we'll all be frozen solid and won't know the difference.

And if your hands are feeling a wee bit chilly, ask your local **Resene ColorShop** for a handwarmer – only while stocks last!



**Cure for the common cold?  
The Resene Wintergrade range will sort you out!**

## When less is more...

While 'more' always sounds promising, in the case of VOCs (volatile organic compounds) less is far better. And in the case of the Resene non VOC tinters we've gone so far as to make 'less' VOCs into none. The non VOC tinters have been around for a while now but have had limited distribution. They are now starting to be rolled out to Resene ColorShops and resellers all over the place and will replace the traditional Resene tinters used to tint our decorative paints.

The benefit for you and your customers, is that the new tinters won't add VOC to the paint, but you'll still get the Resene colours that you know and love. The Resene non VOC tinters will also be used in Resene solventborne decorative paints and while the VOC of the solventborne base paints will be high, at least the tinter won't be adding any more to the VOC tally.

If you want to request your products are tinted using only Resene non VOC tinters prior to the rollout being completed, you can request this service and we'll supply the stock from the nearest location that has the full range of Resene non VOC tinters you need to get your chosen colour.

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## And now onto those pesky blisters...

**Blistering is what you get when round 'bubbles' form in the paint film and they are always caused by moisture, either...**

- Excessive moisture coming through the substrate. This can happen when humidity seeps from a room with very high humidity, such as a bathroom or laundry, or
- Exterior paint is applied over a damp or wet surface. If paint is still in the drying phase, blisters may appear during periods of rain or heavy dew.

Blistering is more common in solventborne or alkyd paints due to the vapour barrier that forms as they dry, trapping moisture on the wall beneath the paint. As the paint dries, that moisture will escape, lifting the paint off the wall as it evaporates. Waterborne paint is more permeable – it allows a small amount of water vapour to pass through as it dries and all but eliminates the chance for these types of blisters to form.

However, there is one form of blistering that affects waterborne paints. It occurs when the paint is subjected to excessive amounts of moisture, causing the paint to swell and break its adhesion to the substrate. This may appear worse during wet periods as the blisters fill with water. Blistering due to swelling of the paint is most likely to occur within the first few days of the life of the paint job. After the paint has been exposed to the elements, rain and other moisture will typically have 'leached' water soluble components from the paint.

Paint containing small blisters (less than 6mm across) due to swelling often recovers after drying out. When larger blisters form, the adhesion of the paint is often weakened and peeling can be the result. To avoid blistering, waterborne paints should be applied at specified spreading rates and be well dried before dew or rain strikes. This may well mean stopping earlier in the afternoon rather than painting up to sunset. Problems are more likely on horizontal surfaces on clear, windless, days in autumn so bear this in mind on your decorating projects over the coming months.

More handy information on common painting problems is available on the **Resene website** under the **Painter/Problem Solver** section.

## Quick check

If you're having trouble remembering what goes where and you haven't already, grab yourself a copy of the **Resene Recommended paint systems brochure**. This handy brochure includes easy to follow surface preparation information combined with useful tables explaining what paint systems to use where and the appropriate accessories to get a professional finish. From hallways and bedrooms to decks and roofs, this brochure has residential painting covered.



Available free from **Resene ColorShops** and representatives (or you can order copies free from our website), this brochure is an ideal giveaway to residential clients to help them determine their paint requirements when a full paint specification is not being provided or as a quick guide as to what to use when if you haven't memorised the Resene product range. Feel free to grab a few and hand them out to interested clients, then restock as required.

## The cool continues

Just to increase your choice a little further, you can now request selected **Resene Cool Colours** in **Resene Waterborne Sidewalk** paving paint.

**Resene Waterborne Sidewalk** is a low sheen pigmented paint finish designed for trafficable areas inside and out. **Resene Cool Colours** used in outside applications can help to reduce the heat buildup in the surface, reducing the stress on the coating and substrate and minimising heat transference inside.

With the addition of **Resene Waterborne Sidewalk**, the **Resene Cool Colour** range is now available in **Resene Hi-Glo waterborne gloss**, **Resene Sonyx 101 waterborne semi-gloss**, **Resene Lumbersider waterborne satin**, **Resene AquaShield mineral effect finish**, **Resene X-200 waterproofing membrane**, **Resene Enamacryl gloss waterborne enamel**, **Resene Lustacryl semi-gloss waterborne enamel**, **Resene SpaceCote Flat waterborne enamel**, **Resene Summit Roof satin waterborne roof paint**, **Resene Waterborne Sidewalk** and **Resene Waterborne Woodsman**.

Resene colours available as **Cool Colours** are marked with CC next to the colour name on **Resene colour charts** or see [www.resene.co.nz/swatches/index.htm](http://www.resene.co.nz/swatches/index.htm) for the latest list.



## Unwanted pressie

**Here's a wee story from The Decorating Company that might just tickle your insides...**

"After finishing a house, we needed to respray two doors that got damaged. By that time the other trades were working in the house, plumber, tiler, electrician. So we set up in the garage. I had one of the labourers helping me. He started acting a bit funny, twitching and squirming a lot. Until suddenly he took off out the door without saying a word. 10 minutes later he strolled back in and went back to work. Only moments after that a thunderous screech boomed through the house. What the ###! It sounded like the plumber, my guess is our labourer was somehow the cause of it and the plumber didn't sound too happy. Curious I made my way to the sound of the cursing. The labourer had removed the toilet bowl from the packaging and left the plumber a little gift..."



## Mural masterpieces

Got an artistic streak that isn't always satisfied painting a single colour onto one wall? Then put it to good use with a mural then enter it into the **Resene Mural Masterpieces competition**. Right now Resene is running a nationwide mural competition. Entry is easy – simply register your entry details online at [www.resene.co.nz/murals.htm](http://www.resene.co.nz/murals.htm) or drop into your local **Resene ColorShop** and pick up a copy of the **Mural Masterpieces Competition flyer**. Send your completed registration to Resene and you'll receive an entry pack containing all the information you'll need to get started.

There are four classes of entry, including the **Best Professional Mural**. Entries close 6 November 2009.

See your local Resene ColorShop or [www.resene.co.nz/murals.htm](http://www.resene.co.nz/murals.htm) for more details on how you can get involved. Entry open to murals located in New Zealand only.



That's all for now –  
catch you next month!

TwoCan, Editor.

