

# TUESDAY TECH TIP



## DBNZ Tech Tip of The Week

### Factors of Selection

For the best results in lay down, through cure and ultimate performance of the coating, the selection of the correct Activator (and Reducer) is always of high importance.

Two of the biggest considerations when selecting the appropriate activator and reducer are,

1. Ambient air temperature? (the vehicle or unit will be sprayed in)
2. The size of the job?

Failure to make the right selection can result in,

- Excess peel
- Dry spray
- Solvent entrapment
- Solvent popping
- Gloss loss, etc.

For more information and recommendations contact your Local VIM Representative

### Binder Ratios

A feature of the VIM multi-leg system is the ability to change the binder to pigment ratio to allow for a stronger covering (*more opaque*) colour.

This is very handy when dealing with yellows, reds and oranges.

*The normal default ratio for most colours is 80% binder to 20% pigment.*

For a stronger covering colour make sure the 70/30 ratio is selected, this option is located just above the formulation on ICRIS.

70/30

Select

80/20

Mixing c...	Color	Weight
IME.TB510		716.1
IME.CT102		194.6
IME.CT103		99.3
IME.CT101		16.1
IME.CT137		28.2
Total		1054.3

Less binder, more toner

Mixing c...	Color	Weight
IME.TB510		818.4
IME.CT102		129.7
IME.CT103		66.2
IME.CT101		10.7
IME.CT137		18.8
Total		1043.9

When selecting a **yellow** colour formulation you may find the formulation for the colour is also available using the **TY518** binder.

If a yellow has a **TY518** formulation, that's a very good indicator the colour (when using normal binder) will be of a low opacity.

The smart move would be to select the **TY518** formulation, opacity rates will **dramatically increase** creating a very good covering yellow topcoat.



Yellow binder