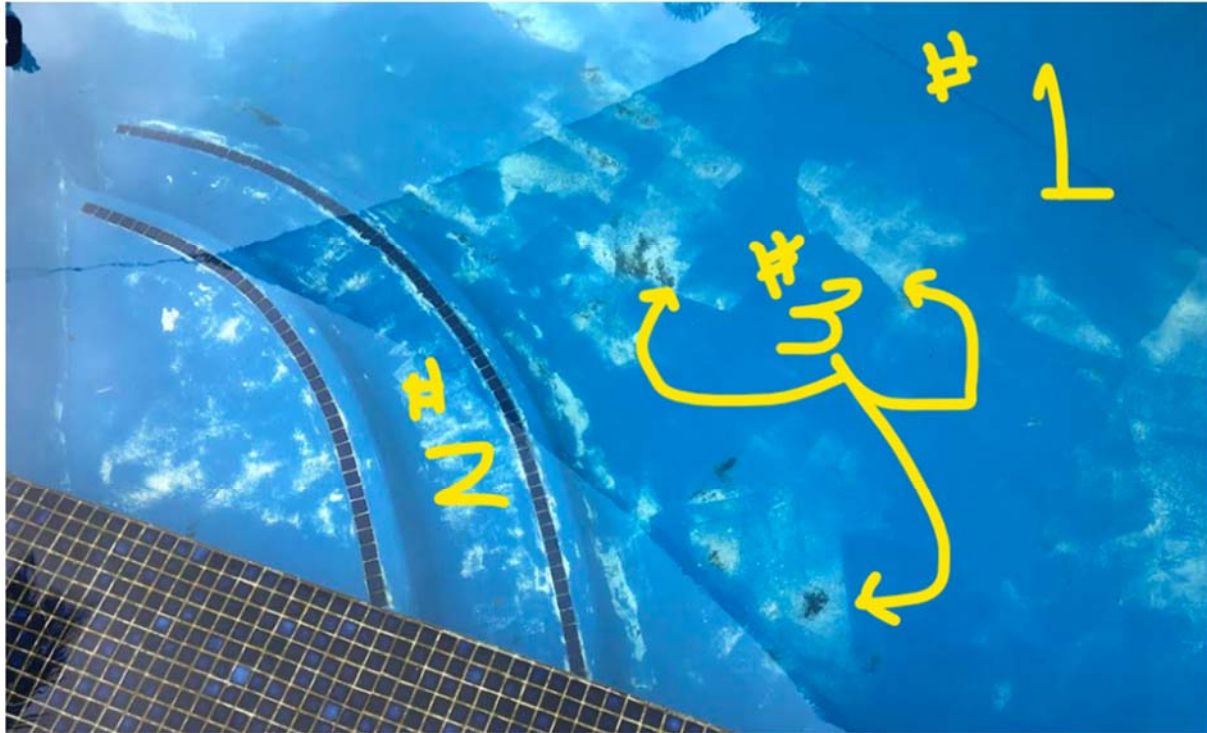


## INFO SHEET

*Performance Through  
Technology and Service*

# A Pool with Poor Paint Application Techniques



**A good example of poor application techniques for paint application.**

**It shows up in a swimming pool so much more due to the variable usage (steps high wear) and the pool floor less wear.**

**Also, the areas where it is still dark blue indicate resistance to wear even in high wear areas.**

**The question is why?**

### **Observations**

1. The coating in the middle of the of the pool is still in good condition and generally no issues.
2. On the steps we see areas of worn paint and areas still with ample colour.
3. Here we can see strong roller lines with plenty of paint on one side and yet bare on the other.

**WHY are we seeing these 1, 2 and 3 situations?**

**The answer comes down to film build pure and simple.**

**With high performance coatings in demanding conditions the manufacturer will specify coverage rates and thereby, a resulting film build.**

Simple example is product “A” apply at 5 sq M per L / coat, to achieve a wet film thickness of 200 microns per coat. (And requires 2 coats to give a final film thickness of 400u)

This means that IF you apply it at 5 sq M /L/coat “**Uniformly**” then you will achieve the correct film build namely 200microns (u) per coat.

**BUT are you sure everywhere is 200 u thick? How do you measure this to be sure?**

**So, given you have looked only at the “visual” colour of the just rolled out coating, can you be sure the thickness is correct?**

Most hi-performance coatings have high opacity – meaning if its wet and “looks” great it can be 50 u thick or 300 u, you cannot **see** the difference. After a few years of wear and tear you will see just what you see in the picture.

Uneven colour and wear results due to uneven film build.

It is more evident in high wear areas (#2) like step treads and less noted in lower wear areas like the pool floor. (#3)

The result is a beautiful new pool (floor etc) and after a short time shows variable colours and after a bit longer starts to look as per the image. And now you have a dissatisfied customer who blames the paint, (or you if they understand what’s going on)

And you will be expected to front up and fix at your cost. Given this, will you repeat the errors of your ways?

Or hopefully you have learnt how do it properly (as also your site staff) and use a wet film gauge to be sure.

**The best \$10 you can invest in. (Dulux Trade Shop)**

<https://www.youtube.com/watch?v=INnx7g5TF-k>