



VOC 2010 explained...

The VOC 2010 legislation has resulted in the solvent levels in many products having to be reduced. PPG have invested heavily in the development of new products that remain at the same professional, high quality level that our customers have come to expect.

However, regular users will notice that there are a number of practical differences that are affecting all manufacturers:



DRYING

With 20%* more solid content, the new 2010 formulations will take longer to through dry due to the increased film thickness following application. In standard conditions, this would be expected to be approx. 24 hours before recoat. The resulting coating will offer greater protection and durability to the substrate being painted than the previous product.

TIP: Try not to apply the paints too thickly or alternatively why not try Johnstone's Aqua Water Based Gloss or Leyland Acrylic Gloss where a quick turnaround is required.



HIGHER SHEEN

The new 2010 Eggshell and Satin formulations will initially have a higher sheen level although this will reduce after a few weeks.



YELLOWING

Due to the increased solid content, users will notice quicker yellowing under certain site conditions, however the products have been formulated in order to keep this to an absolute minimum.



IMPROVED OPACITY

The new Johnstone's tinting systems are the only tinting systems in the UK market to have dedicated colorants for solvent based products, thus achieving greater opacity on colours.



IN CAN APPEARANCE

Most products will appear very similar in can, however Johnstone's Flexible Primer Undercoat and Leyland Flexible Exterior Undercoat will have a slightly more fluid consistency, however the coverage of the product remains the same.



WHAT ARE VOC'S?

VOC stands for Volatile Organic Compounds which exist as the solvents in paints. VOC emissions contribute to air pollution by reacting with sunlight to create low level ozone and photochemical smog.

WHAT EXACTLY IS THE LEGISLATION?

Various industries have been tasked with reducing the quantity of Volatile Organic Compounds (VOC's) that are emitted into the atmosphere. Whilst the paint industry is only a small contributor (less than 1%) of all UK VOC emissions, it is our responsibility as manufacturers to do our bit.

SO WHICH PRODUCTS WILL BE AFFECTED?

As all current water based products are already fully compliant, the most significant changes will be made to solvent based trim products as shown below:

| JOHNSTONE'S TRADE Product | VOC reduction (g/l based on Brilliant White) |
|---|--|
| Professional Gloss | 21% |
| Professional Undercoat | 14% |
| Eggshell | 20% |
| Satin Finish | 20% |
| Ultra Gloss | 25% |
| Non Drip Gloss | 24% |
| Stormshield Flexible Gloss | 20% |
| Stormshield Flexible Primer Undercoat | 18% |

| Leyland Trade Product | VOC reduction (g/l based on Brilliant White) |
|--------------------------------------|--|
| High Gloss | 29% |
| Undercoat | 19% |
| Eggshell | 35% |
| Satinwood | 35% |
| One Coat Gloss | 25% |
| Non Drip Gloss | 32% |
| Truguard Flexible Exterior Gloss | 20% |
| Truguard Flexible Exterior Undercoat | 18% |

Although these products have undergone significant modifications, they remain solvent based.

HOW WILL I KNOW WHICH PRODUCTS ARE COMPLIANT?

VOC 2010 compliant products are now available and will be clearly labelled with a distinctive VOC 2010 compliant logo on the front of can. **Due to the different technologies, it is not recommended that you use both compliant and non-compliant products together on the same job.**

