Supreme™ premium kaolin from IMERYS gives multiple benefits when used in decorative matt wall paints, functioning both as an opacifying extender and also as a rheology modifier.

The unique mineralogical make-up of the kaolin deposit in Cornwall in the UK gives us a naturally fine platy product that effectively spaces titanium dioxide particles in paint formulations, as well as providing thixotropic thickening. This allows a saving of up to 15% of the titanium dioxide in the paint, and additionally reduces the thickener requirement.

**ATTRIBUTES**
- Reduces formulation cost
- Titanium dioxide extension
- Thixotropic low shear thickening
- Outstanding opacity
- Especially effective in high quality matt paints
- Good colour properties
- Easy to disperse in water-based paints
Supreme™

A natural china clay product with low carbon footprint.

Using specially selected feed from IMERYS’ deposits in Cornwall, Supreme™ hydrous kaolin is engineered to an ultrafine average particle size of 0.4μm to give optimal spacing of titanium dioxide particles. This significantly improves coating opacity, therefore allowing a reduction in the TiO₂ content of up to 15%.

As well as its exceptional opacity, Supreme™ brings unique rheological properties to a paint.

The thixotropic low shear thickening effect allows a reduction in the thickener requirement, or can be utilised to improve anti-settling properties and sag resistance. It is particularly beneficial in high quality matt paint formulations, and in high gel strength paints.

The more thick and creamy the paint, the better in-can stability is achieved, which helps to reduce syneresis. It also allows a reduction of expensive thickening agents.

At equivalent particle size, IMERYS UK hydrous kaolins give significantly better performance in terms of low shear viscosity increases and gelling, with Supreme™ giving best performance of all kaolins.