



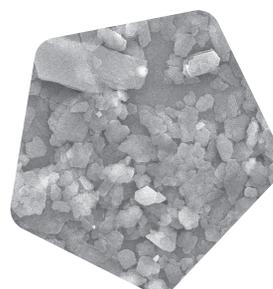
Supreme™

Premium opacifying
and thickening extender
for decorative paints

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.

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



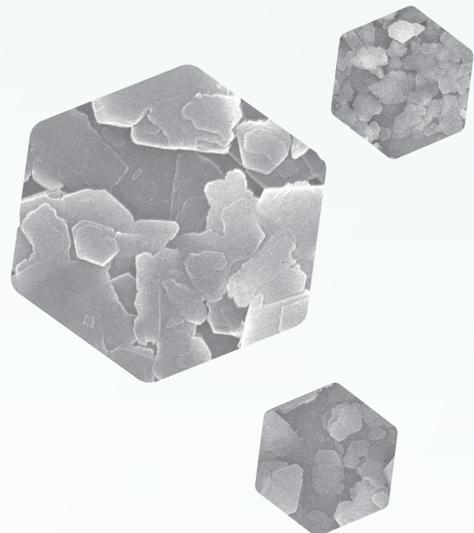
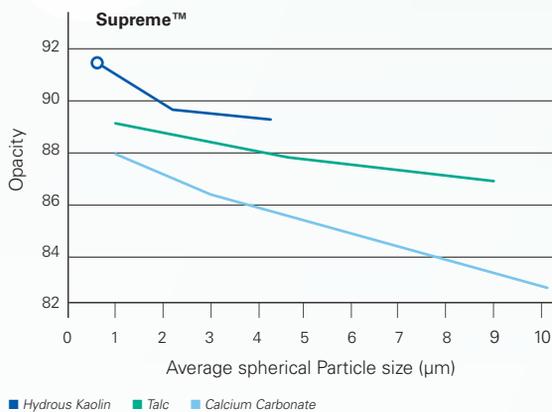
The unique mineralogical make-up of the kaolin deposit in Cornwall in the UK gives us a naturally fine platy product that effectively spaces titanium dioxide particles in paint formulations, as well as providing thixotropic thickening. This allows a saving of up to 15% of the titanium dioxide in the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

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.

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.

Improved opacity given by Supreme™ vs. other minerals thanks to its unique structure



Physical Characteristics

Grade	Brightness (ISO R457)	Mean Particle size D ₅₀ µm (sedimentation)	Specific gravity	Oil absorption (g/100g)
Supreme™	87	0.4	2.6	42

All technical data is provided for information only. It does not constitute a specification. Specifications are available on request.

For more information:

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