



Technical Data Sheet

AkzoNobel
Tomorrow's Answers Today

CORALIT SYNTHETIC ENAMEL

Product Description: A premium quality alkyd-based synthetic enamel with outstanding durability and excellent colour retention. Its formula contains silicone which increases the resistance to scratches and reduces dirt pick-up.

Product uses: Recommended for internal and external surfaces of ferrous metals, galvanized, aluminium, wood and masonry. Appropriate primers must always be used, particularly on new surfaces.

N.B.: The colours in shades of white tend to yellow, especially in interior ambiances. This is a typical property of the alkyd binder and does not affect the overall quality of the product.

Features & Benefits:

- Exceptional spreading rate (75m² per coat per 3.6L gallon).
- Long-lasting finish.
- Higher retention of colour and gloss.
- Excellent flow and film build.
- Scratch and stain resistant.

Physical-Chemical Properties

Composition: Alkyd resin, organic and inorganic pigments, dryers, additives, aliphatic solvents with a small portion of aromatic solvents.

Viscosity: 74 - 79 KU.

Gloss (@20°): 81, 70 GU.

Specific Gravity: 0.910 – 1.110g/cm³.

Solids (by volume): 37.0 – 51.0%.

VOC (Volatile Organic Compound):
412.82 g/L.

Solids (by weight): 44.0 – 59.0%.

Flash Point: 37° C.

Product Information

Appearance: Matt, Satin and High-Gloss.

N.B. Matt (for interior only), Satin and High Gloss (for interior and exterior).

Shelf life: 36 months.

Colour: Ready-mixed colours: Matt (3 colours); Satin (5 colours); High Gloss (28 colours)

Pack Sizes: 3.6L, 0.9L.

Spreading rate:

Up to 75m²/coat/gallon (3,6L).

Up to 67m²/coat/gallon (3,2L) – *Tinting*.

Up to 18.75m²/coat/can (0.9L).

Application Information	
Thinner: Mineral Turpentine.	Thinning: Thin with Mineral Turpentine up to 10% (brush/roller) or 30% (spray gun).
Tools: Foam roller, brush or spray gun.	Number of coats: 2 coats. However, depending on surface porosity, additional coats may be necessary.
Drying time: Touch Dry: 1 to 3 hours. Recoat: 45 minutes. Hard Dry: 18 hours.	Cleaning: Wash tools with Mineral Turpentine.
Application Conditions: Avoid applying the paint during rainy days. Temperature should be between 10°C and 40°C. Relative air humidity should be below 85%.	

N.B.:

The information in this data sheet is given to the best of our knowledge based on laboratory testing and practical experience; however, we cannot guarantee the performance if the conditions are not respected. Rev.: M&K/02/2018