

TUFFCOAT™ by the Lime Professionals

Tuffcoat™ is a polymer reinforced gauging lime for use in the preparation of internal white set plaster. Tuffcoat™ has been specifically developed for hardfinish solid plaster and superior paint adhesion.

GENERAL APPLICATION DETAILS & RECOMMENDATIONS

Bag Weight	25kg
Tuffcoat™ plaster gauge ratio	2 x 25kg Tuffcoat™ with 1 x 20kg minimum plaster (2:1 bag ratio)
Additional Water	Minimal. 1-2L per gauge suits most plasterers
Coverage per gauge (2:1 ratio)	30-36 sqm
Safety Data Sheet	Available at www.limeindustries.com.au
Special Precautions	Tuffcoat™ dust may contain crystalline silica
Special Storage Conditions	Bags must be stored cool & out of direct sunlight
Manufacturer's Recommendations	
Surface preparation (float)	All walls must be sufficiently damp prior to setting
Painting Tuffcoat™ Set Plaster	
pH* of Tuffcoat™ Set Plaster (7 days)	7-8
Ready to paint – oil based sealer	Tuffcoat™ set plaster has 12% or less of water content
Ready to paint – water based sealer	7 days after setting

*Direct to plaster measurement with a Hydrion pH pencil (no water)

TUFFCOAT™ TECHNICAL PROPERTIES

TUFFCOAT™ (WET AS DELIVERED BASIS)	
pH	12
Solids Insoluble	32-35% wt
Acid Insoluble	Max 3.7% wt
Available CaO Content	22% (±3%)
Available Ca(OH)₂	26-34%
Bulk Density	1.27 t/m ³
Viscosity	3000cP @ 3rpm
COMPOSITION (DRY WEIGHT BASIS)	
Lime Content Ca(OH)₂	90%
Mg (OH)₂	4%
SiO₂	1.5%
PARTICLE SIZE DISTRIBUTION	
d(0.1)	2.17 μm (10% is equal to or less than this size)
d(0.5)	7.21 μm (50% is equal to or less than this size)
D(0.9)	129.0 μm (90% is equal to or less than this size)

TUFFCOAT™ PDS prepared by Lime Industries May 2020