

REPLAKYD-595-55

TECHNICAL DATA SHEET

R-595-55 Phenolic Resin Modified Fast Air Drying Alkyd (55% in M.T.)

PRODUCT DETAILS

Product Description: Phenolic Resin Modified Alkyd Resin Based On Linseed Oil/Penta/Phthalic/ Phenolic Resin	Color on G-Scale (40% MTO) 12 Max
Form of Supply: As 55% Solution in M.T.	Clarity: Clear
Oil Length: 44%	Acid Value (mg of KOH / gm): 15 Max
Solid Content (120°C / 1Hr.): 55 ± 1 %	M.T. Tolerance: 1: 10 Min
Viscosity @30°C by FC B-4 (40% MTO): 160 - 180 sec	Finish on Hegmann gauge: 7

A drier combination of 0.05% Cobalt, 0.5% Lead & 0.05% Manganese (calculated on metal based on solid resin content) is recommended for air drying paint system. Lead can be replaced by 0.2% Zirconium.

Surface Dry	:	30 - 45 Mts.
Tack Free Dry	:	3 - 4 Hrs.
Hard Dry	:	8-9 Hrs.

SUGGESTED USES

R-595-55 is a phenolic resin modified short oil alkyd based on drying oils. It has got excellent anticorrosive properties, quick drying, good hardness, marproofness and excellent adhesion useful for rapid air-drying / stoving industrial primers, undercoat finishes, automotive primers and marine primers.

STORAGE

Storage stability of **R-595-55** at or below temperature 35°C packed in original container can withstand up to 12 months

DILUTION

Soluble in xylene, toluene, n-butanol.
M.T.Tolerance 1:10Min
Insoluble in methyl and ethyl alcohols.

GENERAL PERFORMANCE

Compatible with long & medium oil length alkyds
Applications in Industrial primers, undercoat finish, automotive primers, marine primers etc.

PIGMENTS

The pigments should be inert (Inorganic/Organic) & moisture free to get better properties.