

2K AIR DRYING WHITE PAINT

BASE

RAW MATERIAL	QTY IN %
TiO2 Rutile	28.00
Macryl – 8649 70%	48.90
PAT ADD DA – 932	0.80
Zinc Octate (6%)	0.50
PAT AF – 62	0.20
Butyl Acetate	4.40
Xylene	13.80
PMA	2.00
AFCONA – 3033	0.40
1% DBTL Solution	1.00
Total	100.00

HARDNER COMPONENT

RAW MATERIAL	QTY IN %
Desmodur N – 75	46.50
Xylene	26.00
Butyl Acetate	27.50
Total	100.00

MIXING RATIO

RAW MATERIAL	BY VOLUME
Base	4.00
Hardener Component	1.00



ISO 9001:2008



Corporate & Registered Office :

165, Mahagujarat Ind. Estate, Sarkhej-Bavla Road, P.O. Moraiya,
Tal. Sanand, Dist.: Ahmedabad-382213. Phone : + 91-9898079802
E-mail : mkt@macropolymers.com Website : www.macropolymers.com
CIN : U17119GJ1994PTC024006

THINNER COMPOSITION

RAW MATERIAL	QTY IN WEIGHT (Kg)
Xylene	70.00
Butyl Acetate	20.00
Ethyl Acetate	5.00
PMA/Cellosolve Acetate	5.00
Total	100.00

PROPERTIES

Sp. Gravity	0.96 ± 1%	
Drying Time	Surface Dry	15 Minutes
	Tack Free	2 – 3 Hours
	Hard Dry	Over Night
Complete Cure	7 Days	
Pot Life	2 – 4 Hours	
DFT/Coat	25 – 30 Microns	
Salt Spray	600 Hours Pass	
QUV Data	Total Hours Pass	1000 Hours
	Gloss 20°	88
	Gloss 60°	96
Gloss Retention after QUV Test	20°	78 After 1000 Hours
	60°	93 After 1000 Hours

RAW MATERIAL DATA

Raw Material	Supplier Name	Purpose of Use
TiO ₂	Dupont	Pigment
PAT ADD DA – 932	Patcham	Dispersing Agent
Zinc Octate (6%)	Alpha Chemie	Drier
PAT AF – 62	Patcham	Defoamer
AFCONA – 3033	Afcona	Leveling Agent
1% DBTL Soln	SV Plastochem	Initiator
Desmodur N – 75	Bayer	Aliphatic Poly Isocyanate



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2K AIR DRYING CLEAR

BASE

RAW MATERIAL	QTY IN %
Macryl – 8649 70%	56.00
Xylene	27.50
Butyl Acetate	10.00
Cellosolve Acetate	6.00
BYK – 306	0.50
Total	100.00

HARDNER COMPONENT

RAW MATERIAL	QTY IN %
Desmodur N – 3390	50.00
Xylene	25.00
Butyl Acetate	10.00
Cellosolve Acetate	5.00
Total	100.00

MIXING RATIO

RAW MATERIAL	BY VOLUME
Base	4.00
Hardener Component	1.00



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PROPERTIES

Sp. Gravity		0.98 ± 1%
Drying Time	Surface Dry	10 Minutes
	Tack Free	1 – 2 Hours
	Hard Dry	Over Night
Complete Cure		7 Days
Pot Life		2 – 4 Hours
DFT/Coat		15 – 20 Microns

RAW MATERIAL DATA

Raw Material	Supplier Name	Purpose of Use
BYK – 306	BYK	Silicon Additive
Desmodur N – 3390	Bayer	Aliphatic Poly Isocyanate



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