

# 2K AIR DRYING WHITE PAINT

## BASE

RAW MATERIAL	QTY IN %
TiO2 Rutile	28.00
Macryl – 8209 60%	57.00
PAT ADD DA - 934	0.14
Zinc Octate (6%)	0.54
PAT AF – 62	0.20
Butyl Acetate	4.40
Xylene	6.10
PMA	2.50
AFCONA – 3033	0.12
1% DBTL Soln	1.00
<b>Total</b>	<b>100.00</b>

## HARDNER COMPONENT

RAW MATERIAL	QTY IN %
Desmodur – 3390	56.00
Xylene	24.00
Butyl Acetate	20.00
<b>Total</b>	<b>100.00</b>

## MIXING RATIO

RAW MATERIAL	BY VOLUME
Base	3.00
Hardener Component	1.00

## THINNER COMPOSITION

RAW MATERIAL	QTY IN WEIGHT (Kg)
Xylene	70.00
Butyl Acetate	20.00



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### Corporate & Registered Office :

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CIN : U17119GJ1994PTC024006

Ethyl Acetate	5.00
PMA/Cellosolve Acetate	5.00
<b>Total</b>	<b>100.00</b>

## PROPERTIES

Sp. Gravity	0.96 ± 1%	
Drying Time	Surface Dry	20 Minutes
	Tack Free	2 – 3 Hours
	Hard Dry	Over Night
Complete Cure	7 Days	
Pot Life	4 – 6 Hours	
DFT/Coat	25 – 30 Microns	
Salt Spray	600 Hours Pass	
QUV Data	Total Hours Pass	1000 Hours
	Gloss 20°	90
	Gloss 60°	96
Gloss Retention after QUV Test	20°	65 After 1000 Hours
	60°	90 After 1000 Hours

## RAW MATERIAL DATA

Raw Material	Supplier Name	Purpose of Use
TiO <sub>2</sub>	Dupont	Pigment
PAT ADD DA – 934	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 – 3390	Bayer	Aliphatic Poly Isocyanate



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## 2K AIR DRYING CLEAR

### BASE

RAW MATERIAL	QTY IN %
Macryl – 8209 60%	65.00
Xylene	22.50
Butyl Acetate	7.00
Cellosolve Acetate	5.00
BYK – 306	0.50
<b>Total</b>	<b>100.00</b>

### HARDNER COMPONENT

RAW MATERIAL	QTY IN %
Desmodur – 3390	67.00
Xylene	18.00
Butyl Acetate	10.00
Cellosolve Acetate	5.00
<b>Total</b>	<b>100.00</b>

### MIXING RATIO

RAW MATERIAL	BY VOLUME
Base	3.00
Hardener Component	1.00



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## PROPERTIES

Sp. Gravity		0.95 ± 1%	
Drying Time	Surface Dry	20 Minutes	
	Tack Free	2 – 3 Hours	
	Hard Dry	Over Night	
Complete Cure		7 Days	
Pot Life		4 – 6 Hours	
DFT/Coat		15 – 20 Microns	
Salt Spray		600 Hours Pass	
QUV Data	Total Hours Pass	1000 Hours	
	Gloss 20°	8	
	Gloss 60°	95	
Gloss Retention after QUV Test		20°	75 After 1000 Hours
		60°	92 After 1000 Hours

## RAW MATERIAL DATA

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



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