



TECHNICAL DATA SHEET
KOSMIC WHITE FILLER

Description

Kosmic White Filler is high solid fast drying, excellent sandability, and has applicable pot life of 2 hrs, with high build coating.

Product

RIFSQ105L01I

Woods for which the product is suitable

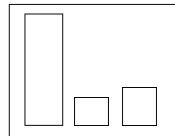
- Non resinous softwood
- Light colour hardwood
- MDF

Product Properties

In Can Appearance : Viscous White liquid
 In Can Viscosity : 125 ± 5 sec @30°C Ford cup B4
 Non Volatile Material : 65 ± 2%
 WPL (weight per litre) : 1.36 ± 0.02 gm./ml
 Shelf Life : 1 Year (from date of mfg.)

** Note – Product shelf life is determined at minimum temperature 10°C (50° F) maximum temperature 35°C (95°F)

Mixing Ratio



4 Parts by Volume – Kosmic White Filler
 1 Part by volume – Kosmic White Filler Hardener
 30 - 35% by Volume- Pu Medium Thinner

Complementary Products

Quantities

Hardener	White filler Hardener	In weight w/w %	18	
		In volume v/v %	25	
	Solid Content %	45±2		
Paint Mixing Qty(by volume & Weight)	Paint by Volume	Base-500 ml	Hardener-125 ml	Thinner-210 ml
	Paint By Weight	Base-500 gm	Hardener-90 gm	Thinner- 200 gm
Thinner	Pu Medium Thinner	In weight w/w %	34	
		In volume v/v %	34	

READY TO USE PRODUCT PROPERTIES

	Solid content 1st +2nd component(%)	62 ± 2
	Pot life @ 30°C	1 - 1.5 hrs
	Viscosity (Ford 4 cup)	17 - 20
Code/Gloss	CODE	Gloss level EN ISO 2813 (angle measurement 60°)
	WPTCU011L01I	NA

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Surface Preparation



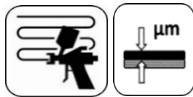
- Make Sure Proper Sanding of the Panel is done with #220-320 Mess
- No dust Particle should be present on the surface
- Remove all dust from surface using clean quality rags or wiping towels.
- Apply 2 Coat of Kosmic clear sealer,
- Sand the panel Properly, make sure no orange peel is seen on the panel.
- Apply 2 Coats of Kosmic White Matt/White High gloss.

Spray Gun Set Up



- Gravity Feed (Orifice) – 1.4 – 1.6 mm
- Air Pressure – 35-40 psi (2.4 – 2.75 Bar) at spray gun inlet.

Application



Spray Gun

- 2 Coat Applications
- (70 – 80) μ - spray Gun 1.4mm / (90-100) μ Spray Gun Nozzle – 1.6mm For

- Flash Off in Between Coats – 2 -3 min @30°C, RT – 65%

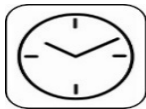
Products and Additives

Kosmic White Filler

Kosmic White Filler Hardener

Pu Medium Thinner

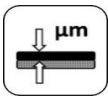
Product Properties After Application



- Dust Free Time : 10 – 15 min
- Touch Dry : 30-35 min
- Sandability Dry : 2.5-3 hours @30°C

*Note – All results are considerable at RT – 30°C & RH – 65%.

Coverage



Theoretical Coverage – 50-55 Sq. ft. per litre At 70-80 Microns DFT at 30°C. The practical material usage depends on many factors i.e. shape of the object, roughness of the surface, application techniques, application pressure, application method and application circumstances.

Product Performance Properties

- Gloss - Satin- Matt finish
- Orange Peel – No orange Peel
- Cross Hatch adhesion – 2 mm (100*100mm)
- PU Thinner Rub test – 20 times -Pass
- Finish-smooth
- PU Thinner Rub test – 20 times-Pass

**Note – Product Shelf Life is determined when product is stored unopened at 30°C(86°F). Avoid Much temperature Fluctuation.