

Technical Data Sheet

4M Acrylic Varnish

Characteristic properties

It is a 2K acrylic clearcoat used for furniture and wooden articles when smooth final finish is required along with good resistance to various chemical agents and changes to temperatures, It offers Non-Yellowing, Surface slipping, high durability and weathering resistance. When used in conjunction with 4M Hardeners (951), it delivers Matt and excellent finish.

Viscosity	03:00 - 03:30 min Cup#4 ford
Solid content	72 ± 2%
Density	56.00 - 60.00 gm/cm ³

Materials for application

- Acrylic Varnish
- 2K Hardener
- 2K Thinner

Suitable substrate and surface preparation

This product is used for room, kitchen and public furniture, bathroom fittings and both exterior and interior woodwork including doors, partitions, built-in closets, ceilings, and wall-panelling.

Pot life

- 4 hours at 20 °C

Instructions for spraying viscosity

Spray 3 layers individually.

Wait (5-10) minutes for complete drying between layers.

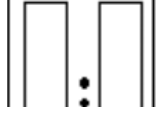






Suspended dust and defective varnish parts can be polished after completely drying for two days at 20°C or 30 minutes at 60°C.

Then crush the defective areas using a very fine sandpaper and then polish them using (polish) manually

Technical Data Sheet

4M 2K Acrylic Varnish

Application conditions

	Mixing ratio 100:50:5-10 (2:1:0.1-0.2) 100% 4M Acrylic varnish 50% 4M 951 Hardeners (for 420 g/l VOC compliant clearcoat) 5-10% 4M Thinners																
	Use mixing ruler																
	Application viscosity: 18-20 s (DIN4/20°C)																
	Spray gun tips: <table border="1" data-bbox="256 1025 1238 1240"> <thead> <tr> <th></th> <th>Spray Nozzle</th> <th>Inlet pressure</th> <th>Atomization pressure</th> </tr> </thead> <tbody> <tr> <td>Compliant</td> <td>1.3-1.4mm</td> <td>2 bars (26- 29 psi)</td> <td></td> </tr> <tr> <td>HVLP</td> <td>1.3-1.4mm</td> <td>2 bars (26- 29 psi)</td> <td>0.7bar (8-10 psi)</td> </tr> <tr> <td>Conventional</td> <td>1.3-1.4mm</td> <td>3-3.5 bar (45-50 psi)</td> <td></td> </tr> </tbody> </table>		Spray Nozzle	Inlet pressure	Atomization pressure	Compliant	1.3-1.4mm	2 bars (26- 29 psi)		HVLP	1.3-1.4mm	2 bars (26- 29 psi)	0.7bar (8-10 psi)	Conventional	1.3-1.4mm	3-3.5 bar (45-50 psi)	
	Spray Nozzle	Inlet pressure	Atomization pressure														
Compliant	1.3-1.4mm	2 bars (26- 29 psi)															
HVLP	1.3-1.4mm	2 bars (26- 29 psi)	0.7bar (8-10 psi)														
Conventional	1.3-1.4mm	3-3.5 bar (45-50 psi)															
	Number of coats: Apply 1 light and 1 normal coat. Total dry film thickness 60-70 microns.																
	Flash off time: 5-7 min/20°C between coats; 20 min/20°C before baking																
	Drying time: 14-16 h/20°C 30 min/60°C																

Packaging	color	Expiry
1.000 kgm	Clear	2 years at 20°C

Material safety data

When using these products it is required to comply with the national regulations for health and safety

Certified in ISO 9001, ISO 14001, ISO 45001-Accredited in ISO 17025

For additional information Kindly contact us at info@4mcoatings.com

www.4MCoatings.com