

U Coat M

U coat M is a two component, aliphatic polyurethane clear coating, recommended for wooden substrates, yielding a non-fading, clear satin smooth film.

Properties:

- Excellent adhesion.
- Extremely durable.
- Non yellowing
- Heat resistant.
- Satin smooth matt
- Scratch resistant.

Application areas:

- It is recommended as top class clear coats for wooden furnitures.

Direction to use:

- Sand the wood surface with a flint paper No: 100 along the grains. Wipe off loose dust. Apply Wudfil to fill in the grains of wood. Allow to dry for 6-7 hours. Stain the wood with suitable solvent based stainers and allow to dry for 1 hour. Apply Wudseal as sealer coat . Allow to cure overnight. Sand the sealer with emery paper No: 320 along the grains to get a smooth surface. Now the surface is ready to receive U-Coat .
- Mix U coat M resin and U coat M hardner in 10:1 ratio by volume. Use Thinner PUT 509 for dilution purpose.
- Agitate the mixture for 2-3 minutes.
- Apply by spray.
- Allow to cure for 6-7 hours. Reapply U-Coat, if necessary.

Typical Physical properties:

Type	Acrylic-aliphatic urethane.
Mixing ratio(R:H)	10:1 by volume
Volume Solids	36 - 40 %
Appearance	Clear , hazy liquid.
Finish	Silky matt.
Flash point	Above 30 ⁰ C
Pot life	4 - 5 hours
Surface dry	15 - 20 minutes
Tack free dry	2 - 3 hours
Hard dry	24 hours
Weather- o -meter Test (QUV Test)	Passes 360 hrs.
Theoretical Coverage	11 - 13 sq.m / ltr. @ 25 -30 microns
Application method	Spray or brush
Dilution	PUT 509
Clean up	PUT 502
Shelf life	6 months.