

# A/D INSULATING VARNISH

## Product Scope

Buxly Air Drying Insulating Varnish Clear is a synthetic resin based air drying impregnating varnish which air dries in 03~05 hours and hard dries in 24 hours. A force drying at 80°C for 2~3 Hours will accelerate the curing process and thus will enhance the electrical insulation properties. The resulting film of Buxly Air Drying Insulating Varnish is clear, tough, water and oil resistant. It is an ideal insulation solution for small electrical windings and coils. It has good penetration power and can be used by both hot as well as cold dip processes.

## Product Application

Air Drying Insulating Varnish is designed on specialized synthetic resin blended with selective additives which impart its excellent insulation properties coupled with moisture and oil resistance. If it is required to be thinned prior to application, it must only be done with Buxly Mixing Thinner.

## Technical Information

Type of Product	Single Pack – Air Drying
Color	Straw
Pack Viscosity	90–100 Sec @ 30°C @ F4 Cup
Specific Gravity	0.84–0.93
Grind	Clear
Flash Point	>30°C
Surface Dry Time	03–05 Hours
Hard Dry Time	24 Hours
Electrical Strength Curing	800 Volts/Thou @ 20°C after 7-Days of curing 600 Volts/Thou @ 90°C after 7-Days of curing

## Application Information

Application Method	Cold/Hot Dip
Application Viscosity	As per requirement of substrate
Solvent/Cleaner	Buxly's Mixing Thinner
Flash-Off Time	15 Minutes–01 Hour
Force Drying Temperature	80–110°C @ 2-3 Hours