

## Technical Data Sheet

# El-Mohandes Nitro Cellulose Sealer

**1- Characteristic properties:** Quick drying universal one-pack transparent primer for wood surfaces, suitable for both dry and wet flattening.

**2-Materials for application:** Nitrocellulose Sealer and NC El-Mohandes Thinner

**3-Suitable substrates:** This product can be applied directly to

- Old paint coatings.
- Wood surfaces.
- Wood insulators.
- NC putty.

**4-surface preparation:** Following degreasing flat with the following sandpaper grades:

P280: to dry flat (mechanically or manually)

**5-Mixing ratio:-**

100	parts by volume of Sealer
300 – 400	parts by volume of NC thinner

**6- Spray viscosity:-**

18-22	second ford cup no. 4
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**7-Process:** Apply 2 or 3 single coats allowing for a flash –off time 5-10 minutes between coats

**8-spray gun fluid tip and working pressure:-**

Spray gun	Fluid tip	Working pressure
Gravity feed	1.5-1.8 mm	2-5 bar

**9- Physical properties:-**

Film thickness	15-20 micron for one coat
Solid Content	48%.
Density	0.98 gm/cm <sup>3</sup>

**10- Drying time:-**

Dry to flat

20 °C.	40 °C.	60 °C.
30 mins	20 mins	15 mins

**11-recommended sand paper Grades:-**

If wet flatted (manually /mechanically)	P800-P1000
If dry flatted (manually /mechanically)	P360-P400

**12- Recoat able with:** NC. Coatings or 2 component polyurethane coatings.**13-Packaging:** 1 kg, 3.5 kg, 10 kg and special packing.**14- Color:** Transparent.**15- Shelf life:** 24 months at 25 °C.**16-Material Safety Data:** When using these products it is required to comply with the national regulations for health and safety.