

RICHWOOD P.U. SEALER FOR WOOD (TWO PACK)

➤ Scope

All types of wood have grains, which need be filled up before any finishing coats are applied. Otherwise, the appearance of the finished wood will show distinct streaks of unsealed wood grains, adversely affecting gloss and smoothness. By and large, the artisans carry out the job of sealing wood; with nitro cellulose based sanding sealer. In the first place, it is a weaker system for sealing grains and is good enough for finishing with N.C. Lacquer. Even then, the system has a tendency to “sink” into the sealer coat, when exposed to weather and time. Richwood P.U. Sealer two pack offers the best method to seal the wood grains, which will prevent “sinking” of top coats, even when the top coats are based on N.C. Finishes.

➤ Areas of Application

All types of wood, particleboard, ply wood, new wood etc. Can get the best result for sealing grains and pores. Of course, the wood has to be free from moisture, as otherwise warping will occur.

➤ Surface Preparation

All loose grains on the surface must be eliminated with the help of dry fine sand paper no. 400. The sanding has to be horizontal to the grains. Wipe out all loose particles, dust etc. Using dry rag pad. The surface must feel smooth under fingers.

➤ Technical Data

• APPEARANCE	:	(a) Base : translucent (b) Hardener : water white
• VISCOSITY OF BASE	:	200 ± 10 secs. In ford cup. No.4
• VISCOSITY OF HARDENER	:	17 ± 1 secs. In ford cup no.4
• MIXING RATIO BY VOLUME	:	Base (3) : hardener (1)
• VISCOSITY OF THE MIX	:	115 ± 5 sec. In ford cup no.4 @ 30°C
• BRUSHING VISCOSITY	:	35 – 40 secs. In ford cup no. 4 @ 30°C
• SPRAYING VISCOSITY	:	20 ± 2 secs. In ford cup no.4 @ 30°C
• THINNER TO BE USED	:	Rosalee PU Thinner 099
• TOUCH DRY TIME	:	Ten minutes
• DUST FREE TIME	:	Half an hour
• THUMB IMPRESSION FREE	:	One hour
• HARD DRY	:	Two hours
• RECOATABILITY TIME	:	Three hours
• POT LIFE	:	Six hours

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➤ **Directions for Use**

After preparing the surface as stated above (under surface preparation) apply two to three coats either by brushing or by spraying. While brushing cross-lap method should be used. Each coat must be allowed to dry for at least three hours and each coat must be dry-cut using no. 400 sand paper. Preferably, dust free atmosphere must be created. Cutting must be done horizontally to the wood grains, till a very smooth – silk smooth surface is obtained with sheen. The surface will be ready to accept topcoats.

➤ **Notes**

Only Rosalee PU Thinner 099 must be used because universal/general purpose thinners react adversely to the chemical properties of hardener. Mix only sufficient quantity of base and hardener, so that the mixture can be used up during the pot life. Keep the hardener container well sealed as otherwise it will gel due to atmospheric humidity. Application must be carried out in atmosphere free from humidity. At least, use hot air circulator while using P.U. Finishes. The containers must be kept in cool dry areas and must be sealed immediately after use. While spraying, care should be taken to totally eliminate moisture & compressor oil.

➤ **Disclaimer**

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