



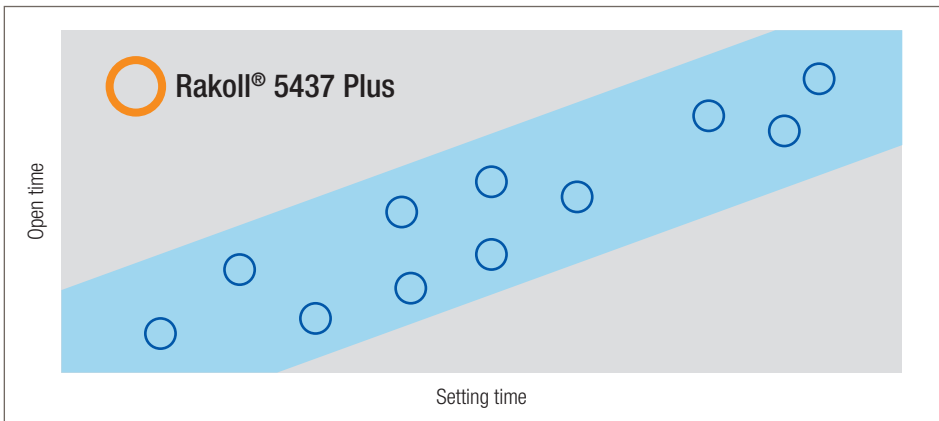
WOOD & COMPOSITES

Rakoll® 5437 Plus

Rakoll 5437 Plus is a hot melt adhesive that combines a very short setting time with a solid green strength, while allowing a very long open time. This enables a wide application window while keeping the bonding quality, even under difficult application conditions.

FEATURES AND BENEFITS

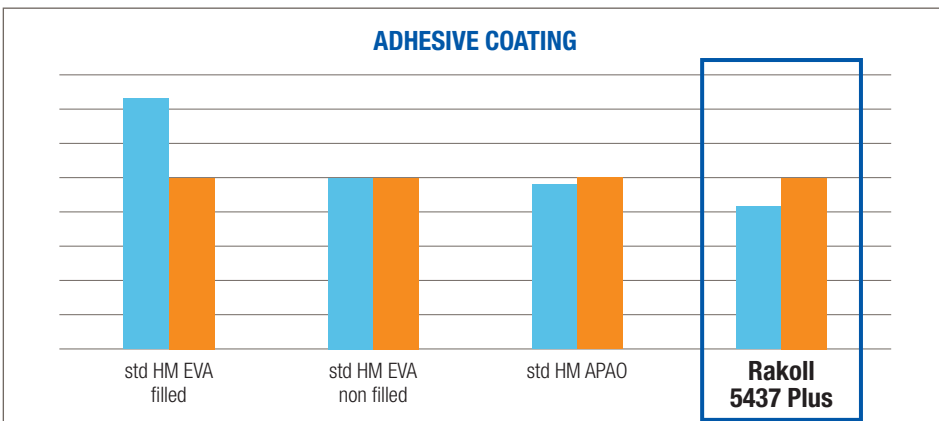
- **Open time vs setting time behaviour:** With conventional EVA and APAO hot melt adhesives, the open time and the setting time are usually related. Rakoll 5437 Plus is a polyolefin hot-melt adhesive that combines a very short setting time with a very long open time.



○ Standard hot melts

- **Offers the same performance with up to 15% less consumption:** Compared to standard products it has a lower density which has a direct impact on the coating weight.

COATING WEIGHT OF RAKOLL 5437 PLUS COMPARED WITH STANDARD HOT MELTS








■ Adhesive consumption (weight) ■ Adhesive effective use (volume)

TYPICAL APPLICATIONS

- Profile wrapping
- Panel lamination
- Foil and veneer products

- **Excellent thermal stability:** no skin formation, compared to EVA and APAO, allowing a cleaner production process and a better working environment

THERMAL STABILITY AND CLEANING

Thermal stability at 175°C after:	Standard EVA	Standard APAO	Rakoll® 5437 Plus
2 hours			
8 hours			
24 hours			
48 hours			

REDUCE COSTS

- Maintenance Costs
- Replacement Parts Costs
- Production Line Downtime Costs



- **Better melting properties than APAO-based hot melts,** with smoother spreading and lower consumption of energy. Better surface quality.

PERFORMANCE WITH DIFFERENT SUBSTRATES

HEAT AND COLD RESISTANCE PROPERTIES OF RAKOLL 5437 PLUS COMPARED TO STANDARD TYPES

Product	Standard EVA	Standard APAO	Rakoll 5437 Plus
Paper	●	●	●
Finish foil	●	●	●
Veneer (without fleece)	●	●	●
PVC primed	●	●	●
PP primed	●	●	●
PP corona treated	○	●	●
CPL	●	●	●

● Excellent ● Very good ● Good ○ Not recommended

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