

Technical Tips and Tricks

Roller comparison - The right choice of roller applicators!

Choosing the right roller applicator is determining the final result essentially.

You can choose between microfiber and polyamide rollers. 2 solid arguments for using the polyamide roller Deluxe 120 are:

- 1.) The application rate of microfiber rollers compared to polyamide rollers is decreasing within a short period of time. As a result the performance per square meter is significantly reduced when using a microfiber roller instead of a polyamide roller. In order to ensure an equal application rate when using microfiber rollers they have to be exchanged regularly.
- 2.) Generally the minimum layer thickness of the cured varnish coats must be at least around 80μ . As a general rule this can be achieved when a total consumption of at least $300\text{g}/\text{m}^2$ is adhered to. The application rate of microfiber rollers is below $100\text{g}/\text{m}^2$, for polyamide rollers around $120\text{g}/\text{m}^2$.

The ideal levelling properties are dependent on the right application rate. Insufficient application rate might lead to streaking, orange peel effect or different gloss levels. The mentioned insufficient application rate in combination with a steadily decreasing application rate of a microfiber roller leads to the conclusion that only polyamide rollers can ensure the compliance of a long-term accurate application rate so that a consistent quality of work is guaranteed.

Deluxe 120 (polyamide roller)



- + Constant application rate
- + Prevention of levelling disturbances
- + Extended durability
- + Higher performance per square meter
- + More cost-effective

Conclusion: Because of the extended durability and constant application rate of finishes polyamide rollers are cheaper than microfiber rollers and a consistent quality of work is guaranteed for a longer period of time. The final acceptance of construction work and consistency of the finish during the period of use is ensured.



	Micro 60-80	Micro 100-120	Universal 100	Deluxe 120
LOBADUR	Item No.: 16236-1	Item No.: 16236	Item No.: 16233	Item No.: 16234
2K InvisibleProtect ^{A,T}	-	-	-	✓
2K Supra A.T	-	✓	-	✓
WS 2K Duo	-	✓	-	✓
WS 2K Fusion	-	✓	-	✓
2K Ultra 2.0	-	✓	-	✓
WS 2K SportExtreme	-	✓	-	✓
WS EasyFinish	-	✓	-	✓
WS Viva	-	✓	-	✓
WS Life	-	✓	-	✓
OptiFinish	-	✓	-	✓
WS EasyPrime	-	✓	✓	-
OptiPrime	-	✓	✓	-
PrimaSeal Plus	-	-	✓	-
HS 2K Intensive ^{A,T}	✓	-	-	-
WS Sealer FR	-	✓	-	✓
ProColor	✓*	-	-	-
WS Rush A.T.	-	-	✓	-

LOBASOL

HS 2K ImpactOil transparent	✓	-	-	-
ActiveColor	-	✓ (by wiping)	-	-
HS Akzent 100 Oil	✓	-	-	-
Hartwachsöl EcoPlus	✓	-	-	-
Markant	✓	-	-	-

- ✓ = Without limitation applicable
- = Use is not recommended
- * = Please refer to the Technical Information