

TEKNOLUX AQUA 1429

Clear UV coat

**Hard-wearing surface solution**

TEKNOLUX AQUA 1429 offers a versatile spray solution for a long range of indoor application areas for wood finished with a hard-wearing surface. The surface meets today's demand for long lasting solutions – whether a clear or translucent white look is required.

The UV formulation secures a highly environmental safe solution, both during production and also in use, where VOC emissions in the cured surfaces are eliminated.

Safe formulation

The advanced formulations of TEKNOLUX AQUA 1429 allow for safe use with a minimum of extensive preparation processes in pre-treatment. The UV curing properties secure shorter lead times without blocking problems. The final result returns a finished surface holding at least comparable propositions to the well known but outmatched coating technologies.

Comprehensive indoor product package

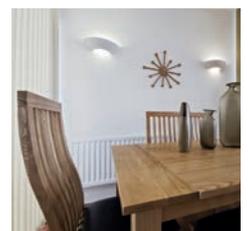
TEKNOLUX AQUA 1429 is complementing the extensive Teknos indoor product package for surface treatment of indoor wooden surfaces – a package which includes clear and opaque lacquers, water borne UV as well as 100% UV curing products.

This range has proven its qualities over years and Teknos is a well-established supplier for indoor wooden surfaces and is mastering long lasting customer partnerships in the Nordic, North European and Baltic region.

Give us a call

A call to Teknos is a quick and easy way to get sound advice if you are considering using TEKNOLUX AQUA 1429 or any other Teknos surface coating product.

Our technical support organisation is always ready to support you in designing your optimum coating solution and application system.



▲ TEKNOLUX AQUA 1429 is a versatile water borne and UV curable translucent clear or translucent white pigmented coating very well suited for a long range of indoor product areas

TEKNOLUX AQUA 1429 has proven its properties being used at manufactures supplying interior doors, table tops, seatings, profiles/panels, staircases, kitchen cabinets and furniture. ▼





Features and benefits

Features	Benefits
Water borne UV curing formulation based upon the latest raw material technology.	Improved working environment with focus on eliminating VOC emissions.
High end raw material selection combined with high end formulation and production technologies.	Supports problem free end-user manufacturing processes leading to optimized lead times.
UV curing recipe properties secure a fast and reliable curing of the finished surface.	Easy and secure daily use – leading to high consumer satisfaction levels.

Product property comparison

Testing	Effect time	Evaluation
Water	24 hours	5
Coffee	6 hours	5
Sweat – acid/alkali	1 hour	5/5
Acetic acid 4.4%	2 minutes	5
Citric acid 10%	2 minutes	5
Chloramine 2.5%	1 hour	5
Scratch + paraffin oil	5 N + 24 hours	5
Cleaning agent	6 hours	5
Red Wine	10 minutes	5
Alcohol	1 hour	5

Comparison conclusion

The product comparison test concludes that TEKNOLUX AQUA 1429 offers a highly sustainable surface which can sustain daily use without suffering from pure surface appearance.

Legend

5 = best (no impact)
1 = worst

Based upon a visual evaluation by Teknos' Technical Customer Service

Water borne industrial surface treatment

The water borne industrial surface coating products for indoor wooden substrates have existed since the mid 60'ties.

Since the introduction and up till today the technology has developed, and offers today an absolute competitive solution, which based upon a combination of environmental, health, technology and economic advantages today stands as the optimum choice for manufacturers for a wide variety of indoor wooden based furniture and building components.

Especially the environmental and health related issues using nitrocellulose, one and two component acid-curing and polyurethane coating systems have been in strong focus over the last years due to emissions from volatile organic compounds and formaldehyde cleave off. A further important technological step forward was taken in the middle of the 1990s with the launch of water borne UV curing systems.

These not sustainable solutions can now be substituted by TEKNOLUX AQUA 1429 from Teknos – which constitutes the very latest within the water borne UV curing technology.

TEKNOLUX AQUA 1429

Content	Urethane based binder, water
Packing	3, 10, 20 & 1000 l

Recommended coating systems

	Softwood	Hardwood
Sealer	TEKNOLUX AQUA 1429	TEKNOLUX AQUA 1429
Topcoat	TEKNOLUX AQUA 1429	TEKNOLUX AQUA 1429

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