

TEKNOLUX AQUA 1728

UV cured enamel

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TEKNOLUX AQUA 1728 offers a versatile spray solution for a long range of indoor application areas where enamel type surfaces is required. The enamel type surface is supported by relative high levels of solid leaving a thick and “feel-good” surface.

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.

Cured formulation

The state-of-art formulation of TEKNOLUX AQUA 1728 allows for the UV curing mechanism to fully cure the film despite the opaque nature of its pigments. The final result returns an enamel like surface finish holding at least comparable proportions to the well known but outmatched coating technologies.

Comprehensive indoor product package

TEKNOLUX AQUA 1728 is complementing the extensive Teknos indoor product package for surface treatment of indoor wooden surfaces – a package which includes clear and white 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 1728 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 1728 is a versatile and tintable water borne and UV curable enamel very well suited for a long range of indoor product areas.

TEKNOLUX AQUA 1728 has proven its properties being used at manufactures supplying typically board based furniture: kitchen cabinets/door, table and furniture tops, interior doors, bookshelves, mouldings etc. ▼





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 secures 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	4
Ammonia water	2 minutes	5
Acetic acid 4,4 %	2 minutes	5
Citric acid 10 %	2 minutes	5
Chloramines 2,5 %	1 hour	5
Cleaning agent	6 hours	5
Red wine	10 minutes	4
Alcohol	1 hour	4

Comparison conclusion

The product comparison test concludes that TEKNOLUX AQUA 1728 offers a highly durable surface which can endure daily use without suffering from surface changes.

Legend

5 = best (no impact)
1 = worst

Based upon a visual evaluation by Teknos' Technical Customer Service

* Depending on variant

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 1728 from Teknos - which constitutes the very latest within the water borne UV curing technology.

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

Recommended coating systems

	MDF/Chipboard (spray system)	MDF/Chipboard (roller/spray system for flat substrates)	Softwood	Softwood (with knots)
Sealer	–	UVILUX SEALER 1456	–	–
Primer	TEKNOCOAT AQUA 1875-98 *	UVILUX PRIMER 1754	TEKNOCOAT AQUA 1875-98	TEKNOCOAT AQUA PRIMER 1867-50
Topcoat	TEKNOLUX AQUA 1728-33	TEKNOLUX AQUA 1728-33	TEKNOLUX AQUA 1728-33/-43/-53	TEKNOLUX AQUA 1728-33

*(1 or 2 layer depending on substrate)

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