

Press release - for immediate publication

New inkjet UV coating from WEILBURGER Graphics GmbH

Gerhardshofen, August 06, 2024 – **WEILBURGER Graphics GmbH, an internationally renowned manufacturer of coatings, inks and adhesives for the graphic arts industry, has developed a new UV lacquer for digital piezo nozzle application and added it to its product range with immediate effect.**

Together with the Czech company KOMFI spol. s r.o., a manufacturer of industrial print finishing machines with a focus on lamination and coating, WEILBURGER Graphics GmbH has developed a new digital printing lacquer, SENOLITH® UV INKJET HIGH GLOSS LACQUER DIGITAL UV 1-14/625 A, which has been specially optimized to meet the requirements of piezo nozzle application. KOMFI has further developed and optimized its SPOTMATIC systems over the last two years. Significant progress has been made in terms of register accuracy, which is ensured by the new camera and register system, production speed and lacquer consumption. In close and trusting cooperation with WEILBURGER Graphics GmbH, the new SENOLITH® UV INKJET HIGH GLOSS LACQUER DIGITAL UV 1-14/625 A was then developed, which enables consumption-optimized spot and relief coating for high-end finishing, even at high production speeds and on different substrates.

Jan Rezac, R&D specialist at KOMFI, praises the cooperation with WEILBURGER Graphics. *"Thanks to the intensive exchange of experience between the two companies, it was possible to achieve an outstanding finishing result, which forms the basis for further developments that are already planned."*

Thomas Rathschlag, Laboratory Manager at WEILBURGER Graphics GmbH, who was also responsible for the development of the new SENOLITH® UV INKJET HIGH GLOSS LACQUER DIGITAL UV 1-14/625 A, on the challenges: *"The aim was to develop a spot and relief-capable UV coating for the piezo nozzle application systems of the new and more powerful SPOTMATIC systems from KOMFI, which is optimized for both the variable and increased production speeds as well as the highly variable coating thicknesses in all limit ranges. The first step was to define and adjust the optimum viscosity of this coating based on the specified parameters and to find the ideal photo initiators. The main problem here was the three-dimensional planning matrix, which was dictated by the variable speeds, surface coverage and application quantities. Thanks to the close cooperation with KOMFI's R&D department and the possibilities for job-specific parameterization of the system-specific application quantities and lamp outputs, we have succeeded in finding an optimum formulation for our new SENOLITH® UV INKJET HIGH GLOSS LACQUER DIGITAL UV 1-14/625 A, which can now also be optimized for use on other digital printing systems with piezo nozzle application on the basis of our measurement data."*

With the new SENOLITH® UV INKJET HIGH GLOSS LACQUER DIGITAL UV 1-14/625 A, WEILBURGER Graphics GmbH is now expanding its range of digital printing varnishes.

UV-based finishing lacquers for overcoating digital printing inks for piezo nozzle application:

SENOLITH® UV INKJET HIGH GLOSS LACQUER DIGITAL UV 1-14/624 A

SENOLITH® UV INKJET HIGH GLOSS LACQUER DIGITAL UV 1-14/625 A

SENOLITH® UV INKJET GLOSS LACQUER LED DIGITAL UV 1-14/649 A

UV based lacquer for glue nozzle application:

SENOLITH® UV RELIEF INKJET HIGH GLOSS LACQUER LED DIGITAL UV 1-14/400 A

Water-based primer to improve printability on various substrates:

SENOLITH® WB FP SATIN MATT PRIMER DIGITAL 40F 2220

Water-based and UV-based finishing varnishes for overcoating water-based, UV and toner-based digital printing inks:

SENOLITH® WB FP GLOSS COATING DIGITAL 60F 4000

SENOLITH® WB FP MATT COATING DIGITAL 20F 4000

SENOLITH® UV GLOSS LACQUER DIGITAL 360394

SENOLITH® UV MATT LACQUER DIGITAL 360398

SENOLITH® UV GLOSS LACQUER INKJET UV 360345

Arno Dürr, Sales Manager at WEILBURGER Graphics GmbH, comments: *"The trend towards digital printing systems is of course not passing us by and we are very pleased that we already have a large number of attractive and high-quality products in our product portfolio for this very special market. Due to the large number of different printing processes and systems, especially in digital printing, the challenge for suppliers like us lies primarily in individual development work and support. There are currently no cross-system standards and almost every manufacturer is still developing their own solutions and systems. In addition, we have observed for years that many manufacturers have built up completely closed supplier cycles and often work with overpriced license models in order to make it difficult for suppliers to access their system-bound market. Of course, this does not make it easy to apply our expertise in product development equally to all manufacturers. We are therefore even more pleased when we find a partnership of equals, as we did with KOMFI spol. s r.o., from which both sides benefit. In this case, the cooperation with KOMFI worked extremely well and with the new SENOLITH® UV INKJET HIGH GLOSS LACQUER DIGITAL UV 1-14/625 A, a high-quality product has been created that can be seen and felt. And that at all common process speeds, in all required relief thicknesses and on a variety of substrates."*

Further information: www.weilburger.com, www.komfi.cz

– END –

Contact:

WEILBURGER Graphics GmbH

Am Rosenbühl 5

91466 Gerhardshofen

Germany

Phone: +49 9163 9992-0

Fax: +49 9163 9992-920

E-mail: info@weilburger-graphics.de

Press photos:**Caption:**

The new SENOLITH® UV INKJET HIGH-GLOSS LAQUER DIGITAL UV 1-14/625 A applied via a KOMFI SPOTMATIC 54 in different relief heights.



Caption:

The new SENOLITH® UV INKJET HIGH-GLOSS LAQUER DIGITAL UV 1-14/625 A applied via a KOMFI SPOTMATIC 54 in different relief heights and in combination with the cold transfer option.



Caption:

The new SENOLITH® UV INKJET HIGH-GLOSS LAQUER DIGITAL UV 1-14/625 A is applied via a KOMFI SPOTMATIC 54 in a combination of spot and relief coating finishes in a single operation.

Personen:**Caption:**

Günter Korbacher - Managing Director of WEILBURGER Graphics GmbH

**Caption:**

Arno Dürr - Sales Manager of WEILBURGER Graphics GmbH



Caption:

Thomas Rathschlag - Laboratory Manager of WEILBURGER Graphics GmbH



Caption: Logo WEILBURGER Graphics GmbH



Caption: PrintCity | Alliance Member

Worldwide.

Nearby.

On Top.

WEILBURGER Graphics is one of the most important developers and manufacturers of high-quality, innovative and sustainable dispersion and UV varnishes, flexo inks and adhesives for the graphic arts industry. Everywhere, worldwide and in all disciplines of the printing and packaging industry, WEILBURGER Graphics products create added value and convincing advantages. They preserve and protect, enhance functions and embellish, connect and refine. They give your products a distinctive look and feel. They impress on paper and cardboard, plastic and foil, metal and alternative substrates. ► WEILBURGER Graphics products create surfaces and functions that inspire people all over the world.

www.weilburger.com