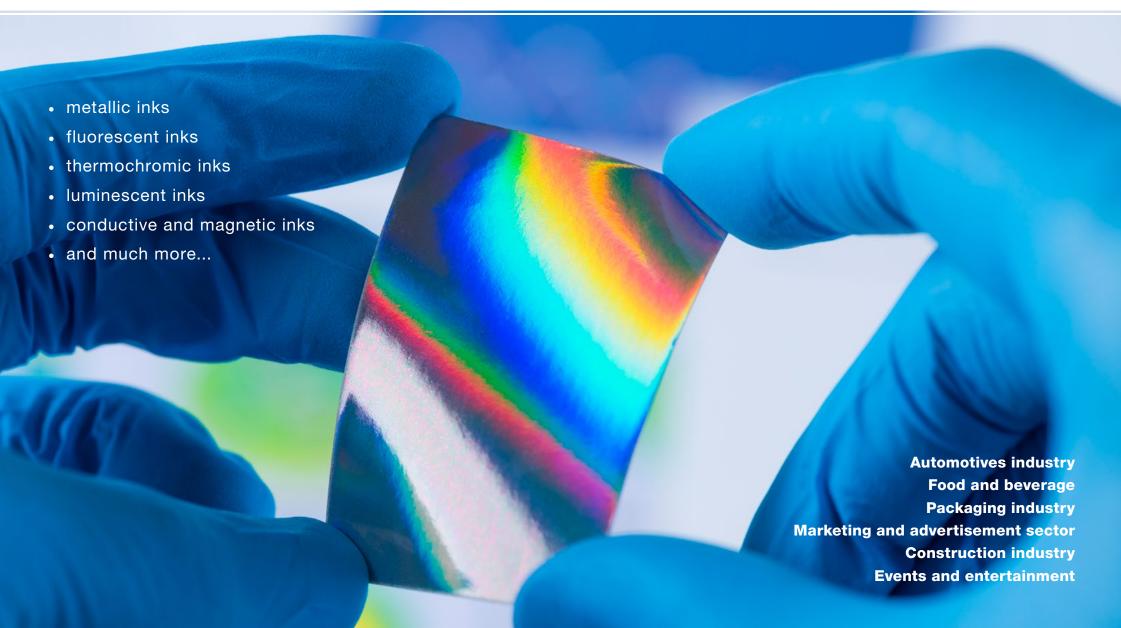


The most comprehensive range

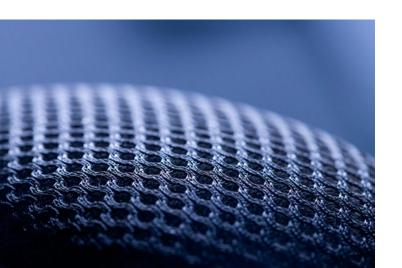
of special inks in Europe





SPECIAL INKS MANUFACTURER

- metallic inks
- fluorescent inks
- thermochromic inks
- · luminescent inks
- conductive and magnetic inks
- and much more...



SPECIAL COATS MANUFACTURER

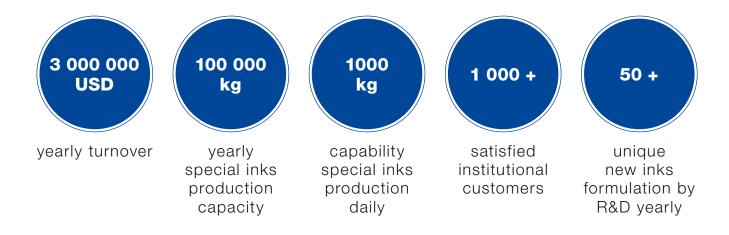
SPLinx is a company specialising in the manufacture and distribution of **special inks and varnishes**. Materials which use physicochemical phenomena, resulting in emerging of surprising, interesting and useful visual and other sensory effects, meet with growing interest of our consumers.

SPLinx has been established as the answer to this continuously growing demand of the market. Since the beginning of our operation, **our focus has been on innovation** of our products and independence of our manufacture and that is why our Research and Development department has been one of the foundations of our presence on the market ever since our first days. Comprehensively equipped, **modern laboratory** complements our company's development department.

Thanks to these aforementioned assets, preparation of formulations and the production of inks with special properties for printing, construction and industries – which undoubtely are three crucial sectors of inks' market – are hardly any mystery for us.

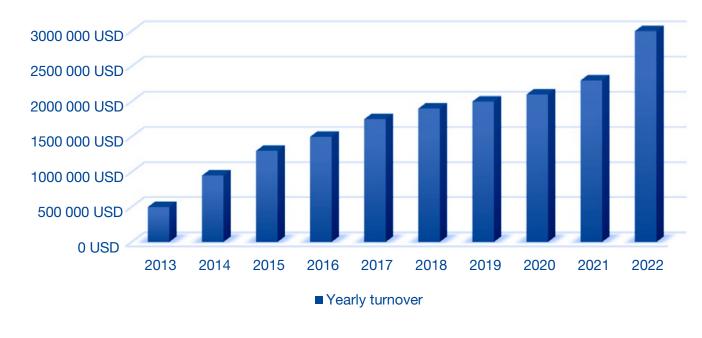
Many years of hard and diligent development work of our company have made our special inks and varnishes noticed by the market and acknowledged by our customers. We are still working on their **modernisation and improvement**. Our customers take part in this process to a large extent, pointing out which features and properties, expected by them, we should pay special attention to during the production of special inks.

SPLinx in figure



Our development in figure

SPLinx financial turnover





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SPLINX'S MILESTONES

Businesses that grow by development and improvement do not die. But when a business ceases to be creative, when it believes it has reached perfection and needs to do nothing but produce no improvement, no development, it is done.

Henry Ford, founder of the Ford Motor Company



ORGANISATION CULTURE

SPLinx is a place where **we create innovations**. Since its very beginning the company has been focused on creation of its own, **self-discovered product formulations**. The horizontal nature of company management allows for creativity and ingenuity of our team and fosters the creation of innovations. The aim to modernisation is guaranteed by a **young team of professionals** who shape the company. A creative, free atmosphere at work is conductive to personal and professional development.

Virtually every leading firm you can name, small or large, has developed a distinctive culture that is clearly identifiable by its employees (...). Sometimes it emerges over time as an organization encounters and overcomes challenges and obstacles in its environment.

Kim Cameron, Diagnosing and changing organizational culture

VISION AND MISSION





VISION

At SPLinx, we want to **be the first choice** among the ink manufacturers for Customers looking for unusual, innovative inks and varnishes **with special effects** for printing, construction and industries in Central and Eastern Europe. We create **products innovative and interesting** enough that others are even afraid to 'pick up the gauntlet'. We receive the majority of inquiries for special inks and varnishes from the market. We are a natural first choice in terms of assistance in special and effect inks and varnishes. We have probably the **most comprehensive offer of special products in this part of Europe**.

MISSION

Our most important object of interest is our Customer. **All our activities are pro-customer** and their goal is the fullest final satisfaction of our Customer with our product or service. **Our most important asset are our Employees.** They create value and competence of our company. Our priority is to maintain the best price-to-quality ratio. Relatively low cost of running our business compared to costs generated by our competitors – who are, most often, companies manufacturing their products outside of our country – allow for **lower prices while maintaining the highest quality**.

STRATEGY

We build solutions which allow to **create innovations**, which translate into creating potential and values. These, on the other hand, we turn into strategy and directions of our development. Thanks to **the specific creation of the free**, often undeveloped **market** space in many areas of the market, we can – to paraphrase W. Chan Kim i Renée Mauborgne – freely sail on the pristine waters of a blue ocean.

When a company's strategy is formed reactively as it tries to keep up with the competition, it loses its uniqueness.

W. Chan Kim, Blue ocean strategy



RESEARCH & DEVELOPMENT

From the very beginning of its operation, SPLinx has been **focusing on research and development** work and the use of own skills, knowledge and technological potential. Since our first days on the market we have been conducting research leading to obtaining **our own product formulations**, creating inks based on our ideas, knowledge and work. In our opinion, one can be truly independent and sovereign in shaping the strategy and creating independent directions of growth and development only on the basis on own, individual solutions.



DEVICES

At SPLinx we understand that **investing in technology and modern solutions** are a guarantee to working out and developing our own know-how, an investment in our future, as well as more effective and better quality work. For this reason we constantly **expand our laboratory and machinery park** and introduce modern IT work tools.



QUALITY CONTROL

Quality Control is one of the most important processes in the enterprise. Since the very beginning of SPLinx' operation we pay unusual attention to it. We make sure that **each product leaving our company is checked** in terms of its required properties.



INDUSTRIAL COATINGS

Special inks, paints, varnishes and coatings by SPLinx are also intended to be **widely used in various industries**. Using special physicochemical properties of our products allows for additional, often surprising and useful visual or other sensory effects in industries.

Our special paints and coatings can be applied in processing facilities and production plants by using high performance machines as well as manually. We can produce **water-based, acrylic, solvent-based, phtalic, polyurethane-based, UV-cured etc.** special paints and coatings.

We help in choosing the right special industrial coats or varnish

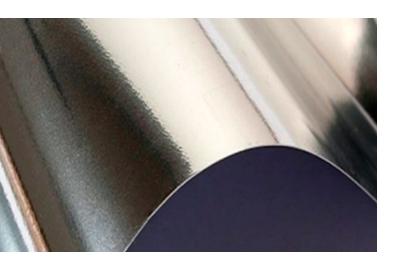
Special paints and coatings for industries are **usually "tailor-made" products**. We refine and select them by taking method of application, type of substrate, specific production requirements, type of desired effect and other **parameters given by our Customer**, into consideration.

A success of such project depends on **good communication**, exchange of insights and needs as well as full cooperation between our employee, appointed to conduct the project, and Customer. This is why we always recommend our Customers the highest level of **commitment and broadening their knowledge** on special products.



METALcoat - METALLIC GOLD&SILVER COATS

Coats based on pigments **imitating gold** (copper and zinc pigments) **and silver** (aluminium pigments) in various metallic shades and colours, for various surfaces and materials. They give coated surfaces a **luxurious and extravagant appearance**, imitating really rich. They can be used in projects involving **unusual metallic decorations**, Byzantine staging dripping with gold and silver, installations distinguished by a noble shine and gloss, etc. Industrially, they can be used as imitations of precious metals: gold and silver.



SPL METALcoat - SPECIAL GOLD&SILVER METALLIC COATS

Coats based on pigments imitating gold (copper and zinc pigments) and silver (aluminium pigments) in various metallic-coloured shades and colours, for various surfaces and materials. We select coats according to colour guides which are colour standards for this type of paints. **Metallic-coloured special coats** give coated surfaces a luxurious and extravagant appearance, imitating really rich decorations. Paints based on pigments resembling **a silver foil with a unique, metallic-mirror** shine, for various surfaces and materials.



FLUOcoat - FLUORESCENT AND NEON COATS

Often used for increasing safety in **warning and information** signs and content purposes, a fluorescent coats is also an effective solution which can be used for **excellent interior decoration**. Bright, neon shades, **visible in daylight**, start glowing brightly under the UV light. Their use is almost limitless. This is why at SPLinx you will find a comprehensive, complete range of fluorescent paints, thanks to which you will **create unique**, **eye-catching arrangements**. Fluorescent paints, available in our offer, appear in two different versions. In the night time, they start **glowing under UV light**.

SPL FLUOcoat – SPECIAL FLUORESCENT AND NEON COATS Mixed fluorescent coats are paints with bright, pure, expressive glow in unusual, flashy sh

Mixed fluorescent coats are paints with bright, pure, expressive glow in unusual, flashy shades from colour guides which make the colour standards for this type of paints. We carefully match the paints by reproducing colours from various colour guides available. They are used most commonly at places which in particular are supposed to attract attention, attract the spectator with their brightness, expressiveness and incredibly pure hue in non-standard colours. Blacklight coats are transparent paints glowing with light blue or snow-like white glow under the UV light (in the light of so-called 'blacklight' lamps). Elements covered with the paint, transparent in the daylight, after turning off the light and turning on the UV lamp, reveal a hidden world of snow-like white and pure light blue tones.

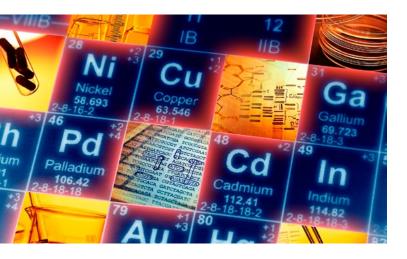












CHROMcoat - COLOR CHANGING COATS

Chromatic coatings that change color under the influence of various physical or chemical factors. Coatings disappearing and appearing under the influence of changes in ambient temperature, revealing intense colors after exposure to the sun or UV light, coloring under pressure, subjected to the action of water or chemical compounds. With their help, you can achieve surprising effects, encourage the user to interact with the product, enrich the image and information layer of the packaging or label. In the hands of a creative designer, they are unique tools for creating unique products.

Chemochrome coats

Chemochromic coats are paints changing colours after **contact with various chemicals**. The paints react to i.e. alcohols, esters, acetone, chlorohydrocarbons, aromatic compounds, ammonia or sodium hypochlorite (the active ingredient of bleach). The colour change is caused by **a chemical reaction between the pigment and a defined chemical**. Chemochromic coats can be used as indicators in various industries, e.g. as an indicator of contact with gas, pH change, presence of ions, as an indicator of moisture or spoilage.





Photochromic coats

Photochromic coats are completely transparent or milky paints, which **become coloured under the influence of a solar radiation** (or that of a UV lamp), showing visual elements only after exposure to the light. The effect is reversible, after the exposure to the light is ended, the paints return to their transparency. A designer can create items changing their colours when the first rays of light hit them, elements of installations providing information when the sunlight shines on them, warning installations e.g. alarming when the recommended doses of UV light falling on the surface are exceeded.



Hydrochromic coats

Irreversible Hydrochromic coats are paints which can be permanently removed (washed off) with water or be tinted, dyed and coloured after contact with water. Washable paint treated with water may be practically completely, irreversibly removed from the print. After removing (washing off) the paint, an information hidden underneath is revealed. Reversible hydrochromic coats react to water or moisture. A white paint becomes transparent after contact with water, revealing a colourful design applied underneath. When the paint becomes dry again, it returns to its original white colour. This type of hydrochromic coats react to water in a reversible way.





Piezochrome coats

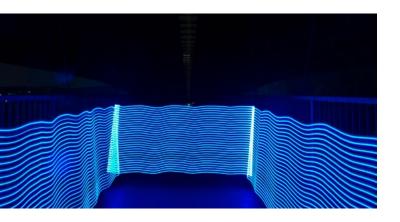
Piezochromic coats are paints that change colour after putting **a defined load or pressure to them**. They come in two versions: a version with a reversible effect returns to its original colour when the pressure releases, and in the irreversible version – after exceeding a defined value of pressure, the paint irreversibly changes its colour.



Thermochromic coatings

Thermochromic coatings change color reversibly or irreversibly in **effect of temperature change**. The creator of the coatings or industrial designer, has the ability to shape the appearance and interactive effects depending on the **thermal conditions of the environment**, coloring it when it is cold and discoloring it when it is hot. Surfaces can react to body heat and other heat sources, thermochromic labels that leave handprints, posters that react to touch, ice or warm air, thermochromic packaging that changes color when exposed to sunlight, prints on ceramics that change color when exposed to sunlight hot or cold water or on heating elements that change color when the heating is started. They can also serve **as indicators of reaching a certain temperature**, permanently or reversibly informing about its exceeding.





LUMIcoat – COATS GLOWING WHEN EXCITED

Coats that glow with colored light when **excited by various physical agents** such as sunlight, ultraviolet or infrared light and electricity. These coats show the effect of luminescence under the **influence of different excitation factors**. Invisible fluo paints glow under the influence of UV light, IR paints when illuminated with infrared light, electroluminescent when connected to the power supply and phosphorescent when subjected to action ("charged") by sunlight, artificial or UV light. Often used to present a **surprising effect** that was invisible before the application of the inducing agent. Equally willingly used to industrial production **marking, checking or securing** items.

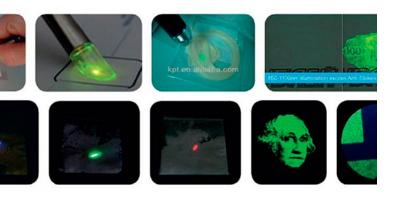
Electroluminescent coats

Electroluminescent coats are a set of paints, creating an electroluminescent surface, which starts to shine with its own light after connecting to the electricity. The components of an electroluminescent coating should be applied in a specific order and by following relevant technological recommendations.



Phosphorescent coats

Phosphorescent (glow in the dark) coats are paints which **glow in the dark** with their own glow after exposure ("charging") to daylight, artificial or UV light. The time of the glowing effect lasts from a few to several dozen hours. Glow-in-the-dark paints enable the designer to build a sort of tension and a dialogue between the spectator and a space. Elements of a constructions or products change under **natural cycles of day and night**. Coats remain almost completely transparent in the daylight and in the night conditions or during the blackout they **begin glowing with their own glow** in green, yellow, blue, red, orange or purple.



IR coats

Completely transparent coats which **convert IR light into visible light**. After illumination by using a special IR light emitter, the so far transparent paint becomes coloured (red, green, blue). Invisible IR coats can be used for **protecting products** from forgery and duplicating. Transparent IR and non-transparent IR paints are **a set of paints where the first one is visible to infrared readers** (scanners) whereas the **second one is invisible** to them. Both paints are black in the visible light but only IR-non-transparent is visible to IR scanners.



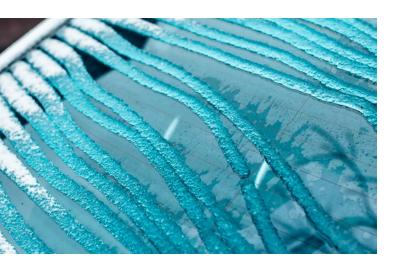
Invisible Fluo coats

Invisible fluo coats (glowing under UV) are paints **transparent in the daylight**, which additional fluorescent colour is **visible under UV light** (in wavelengths from 365 nm to 280 nm). After turning on the UV lamps (so-called "blacklight" lamps), the invisible fluo coats reveal a hidden world, oozing with richness of colours as well as their brightness and clarity. This way, it is possible to hide the content visible only after the blacklight lamps are on. Coats glowing under UV are used in the production process, they enable **marking of products** invisible to the end customer, which is helpful in production management and products' sorting. Obviously they are being used also **for securitisation** and marking parts and items.



SCENTcoat - SCENTED COATS

Scented coatings are paints which **emit fragrances** after rubbing a dry surface of that coating. They contain **microcapsules with essential oils**, which – after damaging of the microcapsules' walls (e.g. by rubbing them by hand) – emit the ordered scent. Thanks to this solution, the scents of these coatings are released generally "on demand".



EMGcoat – MAGNETIC AND CONDUCTIVE COATS

Coats which contain **special ferromagnetic and conductive pigments**, used in marketing, small electronics, sports and leisure, hotel industry, production of games and toys, utility materials, and even in banking. **Magnetising** coats have the ability to attract the magnets, while **magnetic** coats are used for **electromagnetically saving small amounts of IT data** on credit cards, tickets, loyalty cards, hotel cards, etc. In the version specially dedicated to banking, they serve for improvement of processing and settlement of cheques. Electricity-conducting coats based on carbon, silver or copper show **very poor electric resistance**, hence they are excellently conductive. This is why they are used where coatings is the easiest way to create an electric connection.



Magnetic coats

Magnetic coats for magnetic stripes are paints **containing pigments based on iron oxides**. Coatings obtained by using magnetic paints have the ability to **store coded information**. The amount of information, which can be saved in a magnetic layer, depends on a thickness of the obtained coat layer, therefore it is required to apply as much as possible.



Electrically conductive coats

Electrically conductive coats are paints which are able to **conduct electricity**. They are created using graphite or graphene pigments, as well as pigments based on or doped with silver. Conductive paints can be **more economic way** to creating modern circuits or conductive plates. In comparison to the traditional industrial standards, a high technological commitment is not required, because spraying or painting is a relatively simple and inexpensive process.



Magnetising coats

Magnetising coats have the ability to **be attracted by a magnet**. These paints contain tiny particles of iron which are **excellent ferromagnets**. With their help it is possible to create a coating which attracts a magnet, enabling the attachment of magnetic materials. The thicker the coat layer (or a number of layers) is applied, the better the magnetic effect. Paints alone are not able to create a magnetic field, they are just **excellently susceptible** to it.



FRICTcoat – COATS GIVING THE EFFECT AFTER BEING FRICTED

Coatings reacting to **rubbing them with hand or other object**. Used in games and toys, lottery coupons, games of chance, printing securities as well as in broadly understood **marketing and advertising**. Scratch-off coatings, after tearing off the top layer, reveal a number, image or a piece of information (e.g. about winning) which was hidden before from the eyes of a user. **Coin-activated coatings**, by using other method of action (they reveal an image after rubbing a transparent print with a copper-containing metal), can serve exactly the same purpose as the scratch-off coatings. Paints which can be **erased by a rubber** are mainly used for protection and securitisation against counterfeit or an attempt of unauthorised use but can be used widely depending of designer's imagination.



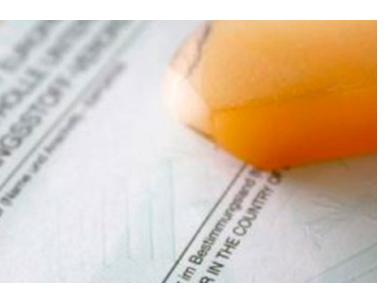
Scratch-off coats are a set of special paints and a varnishes which are meant to **cover up the layer containing an information** and to be easily removable (revealing). It is comprised of 2 coats and a varnish. The first paint is used for applying informational, key elements to this product. Next, a **transparent anti-adhesive varnish** is applied on the first layer, and then the actual **scratch-off paint**, characterised by poor adhesion to the substrate and desired scratch properties (coming off in rolls, not chips, appropriate stability of effect over time, etc.) is applied on it.





Coin Reactive coats

Coin Reactive coats are transparent paints which **turn grey after rubbing them with a coin** or other object containing copper. Coin Reactive paints should be applied thickly enough so that the design or a text after activation is visible and readable enough. The thicker a coats layer, the better the effect.



Erasable coats

Erasable coats can be **easily removable by using an ordinary office rubber**. They can be used as elements of games and activities. Such rubber cannot remove an ordinary paints, therefore erasable coats are used for protecting securities from attempts to remove the coat.



Blackboard coats

Blackboard coats are paints in various colours (not only black) which can be drawn on by using a chalk. Blackboard paints create surfaces resembling a school blackboard, which can be written or drawn on by using colourful chalk.



INTERcoat - COATS WITH SHIMMERING AND SPARKLING PIGMENTS

Coatings with special pigments which **sparkle, shimmer, reflect light**, and also change colour depending on a viewing angle. Used in marketing and advertising, for decorating luxurious objects, packaging and exclusive items, also willingly used for protection and securitisation. One kind is a **pearlescent version** with a silvery white shimmer. Most often used in printing luxurious packaging. In their **glitter version**, they attract attention by sparkling like scattered gemstones. In their most advanced form, they **change colour depending on a viewing angle**. This type of coatings is most often used for protection and securitisation.



Pearlescent coats

Pearlescent coatings are transparent coatings which **shimmer and shine like pearls**. By using the right type of a pearlescent coating, along with a selected base colour (usually black) it is possible to obtain metallic colours: golden and silver. The thicker the layer of the coating, the better the pearl-like effect.



Interferential coats

Interferential coatings are transparent coatings which shine and shimmer with different colours, depending on a viewing angle. They come in a variety of shades, from coatings changing in two colours to the ones that **change in many colours like a chameleon**. The thicker the layer of the coating, the better the interferential effect.



Optically variable coats

Optically variable coatings are transparent coatings which change colour, depending on a viewing angle. They come in a variety of shades and colour changing variations, from coatings changing in two colours to the ones that change in three or even four colours.



Glitter coat

Glitter coatings are transparent coatings containing shimmering and shiny **glitter flakes in a variety of colours**, including gold and silver. Thanks to the usage of glitter coatings, it is possible to obtain spectacular, vivid, luxurious effects, which are full of sparkle.





Structural perceptible coatings are an interesting alternative to the average glossy or matte varnishes. They visibly distinguish items, creating a unique visual and tactile effect. Structural coatings create a kind of an "image over the image" on the surface. As for the varnishes which activate the user's sense of touch, their surfaces usually feel nice or interesting to the touch. They can resemble suede, rubber, orange peel, sand, paper, leather, etc. Braille convex coatings are often used for applying text for the visually impaired and blind. With the help of varnishes with opposite surface tensions, the interesting glossy-matte contrast effect can be obtained.



Convex Braille coats

Convex Braille coatings are structural coatings, allowing to obtain **a perceptible, convex print**. They bring out and distinguish selected elements of a work, creating interesting textures and patterns. Convex varnishes give unusual appearance to the products, therefore they are used in the production of luxurious items, packaging of medicines and pharmaceuticals.



Drip-off industrial coats

Drip-off coatings are a set of **two coatings which create a unique 'orange peel' effect** or a combination of a matte effect and a glossy one. As a result of the differences in surface tensions of both coatings, their combination gives an interesting matte-gloss contrast. Firstly, the first coating is applied on areas selected for matte elements, then the whole surface is covered with the second coating. The difference in surface tensions of both coatings creates a orange peel or a **contrast of matte and gloss**.



Soft-touch coats

Soft-touch coatings are coatings which give a **velvety soft, nice-to-the-touch texture** to coated surfaces. The soft-touch coatings give an impression of a significant enhancement of the colours of a surface underneath this coating. They can be applied on surfaces characterised by a **luxurious, representative, exclusive, prestigious appearance**.



CIDALcoat – ANTIVIRAL AND ANTIBACTERIAL COATS

Responding to the challenges of recent times, related to the rapid and common **spread of viruses and bacteria**, we have introduced a wide selection of microbicidal (antibacterial and antiviral) varnishes and coatings to our offer. We offer them in two basic groups of coatings: including pigments which **carry silver ions**, and coatings with **active nano additives** which degrade viruses, bacteria, mould and fungi. Silver and its ions have been used for years to combat various types of pathogens, whereas nano-sized substance additives excellently absorb all the organic substances.



Industrial coats based on silver ions

Microboicidal coatings based on silver ions are bactericidal and virucidal varnishes which contain pigments that carry silver ions. These varnishes show **very high efficiency (99.99%) of fighting off viruses and bacteria**. Silver, called a 'killer of viruses and bacteria', has been successfully used for years for production of products meant to combat these microbes, which are dangerous for humans.



Sprayable liquids with nano substances

Sprayable liquid with nano substances is a kind of an antiviral and antibacterial coating which works with an enormous power. It is based on nano-sized additives, which excellently absorb and degrade all the organic substances, including microbes such as viruses, bacteria, pathogens, mould, fungi etc.



OVERcoat - COATS FOR FURNITURE, WOOD AND PANELS

Paints and coatings in UV and LED technologies for coating parts of furniture, countertops, edges of furniture, etc. Paints and coatings are used for coating parts of furniture by using UV/LED rotogravure machinery or a roller.UV paints and coatings for coating wall PVC panels, used both outdoors and indoors, by using rotogravure technology as well as digitally or with a roller. The system includes colourful bases with the addition of a transparent extender for creating colourful coatings of wall panels in rotogravure technology as well as non-yellowing glossy, matte and relief coatings.



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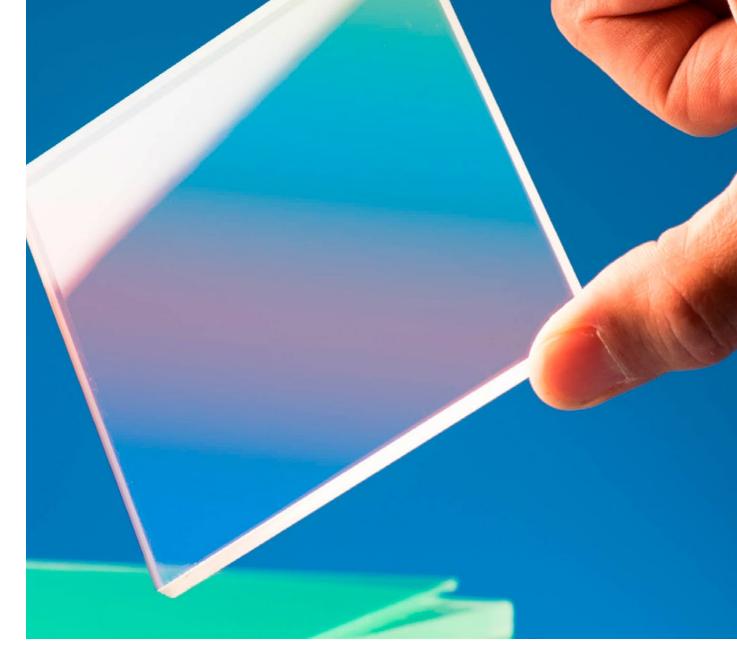
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