Passion for colours
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www.synthesia.eu

Deco-rative
Industrial
Automotive
Powder Coating
Specialty
air
spraying
water-based
baking
varnish
water-based
air
spray
PUR
UV
car refinish
polyurethane
hybrid
spray
peel-coating
LED

Application possibilities
• main application
○ side application

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Passion
for colors
organic pigments
for paints

Decorative
Industrial
Automotive
Powder Coating
VERSAL®

VERSAL® pigments are illustrated and determined especially with respect for the paint industry. The assortment VERSAL® is formed by various chemical types and can be used in wide range of application in such areas as coatings, printing inks, plastics, fibres, particularly if special technical properties are required. All VERSAL® pigments are suitable for mutual combination.

**Light fastness – Xenotest**

Due to the same chemical structure, identical or very close matching colour shade and other important properties a large number of pigments can be replaced by VERSAL® pigments. The assortment VERSAL® is formed by various chemical types and can be used in wide range of applications such as coatings, printing inks, plastics, fibres, particularly if special technical properties are required. All VERSAL® pigments are suitable for mutual combination.

**APPLICATION FASTNESS**

VERSAL® pigments are illustrated and determined especially with respect for the paint industry. VERSAL® pigments are technically pure products distinguished by persistent colour fastnesses and controlled fastness properties. All VERSAL® pigments are suitable for mutual combination.

**VERSAL®**

VERSAL® is the leading Central European producer of organic pigments and dyes and the only producer of high-performance pigments in Central Europe. Our company has experience in sales all over the world, especially in the most demanding markets in Eastern and Eastern Europe as well as the U.S.

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**Light fastness – Xenotest**

- determined by ČSN EN ISO 105-B04: 1998 (80 0171) and evaluated in 1/3 and 1/1 of standard depth and in full shade; by it – colouring of solvent after 24 h at 20 °C according to ISO grey scale is determined; degree 1 denotes the lowest fastness, degree 5 the highest one.

- determined by ČSN EN ISO 105-B02: 2000 (80 0147) and evaluated in 1/3 and 1/1 of standard depth and in full shade; by it – weathering fastness – Xenotest degree 1 denotes the lowest fastness and degree 8 the highest one.

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**APPLICATION FASTNESS**

**Light fastness – Xenotest**

- determined by ČSN EN ISO 105-B04: 2020 (80 0171) and evaluated in 1/3 and 1/1 of standard depth and in full shade by it – degree 1 denotes the lowest fastness and degree 8 the highest one.

Weathering fastness – Xenotest

- determined by ČSN EN ISO 105-B02: 1998 (80 0147) and evaluated in 1/3 and 1/1 of standard depth and in full shade by it – degree 1 denotes the lowest fastness, degree 8 the highest one.

Fastness to solvents

- colouring of solvent after 24 h at 20 °C according to ISO grey scale is determined; degree 1 denotes the lowest fastness, degree 5 the highest one.