

Test Certificate
Nr. 23433-5

for hubergroup
Feldkirchener Str. 15
D-85551 Kirchheim
Germany

Inks IMPRESSION Cyan
IMPRESSION Magenta
IMPRESSION Yellow
IMPRESSION Black

The inks specified above were tested in accordance with ISO 2846-1:2006 with respect to ink film thickness related colour coordinates and transparency on test prints on 15 January 2014.

Result The results are recorded in test report 27979 of 20 January 2014.
The requirements of ISO 2846-1 were fulfilled in all aspects.

valid until January 2016

Ludwig Zins
Dipl.-Ing. [FH] Ludwig Zins
Munich, 20 January 2014

fogra cert
Ink colour 23433-5

Test Certificate
Nr. 23433-3

for hubergroup
Feldkirchener Str. 15
D-85551 Kirchheim
Germany

Inks RESISTA Cyan
RESISTA Magenta
RESISTA Yellow
RESISTA Black

The inks specified above were tested in accordance with ISO 2846-1:2006 with respect to ink film thickness related colour coordinates and transparency on test prints on 15 January 2014.

Result The results are recorded in test report 27979 of 20 January 2014.
The requirements of ISO 2846-1 were fulfilled in all aspects.

valid until January 2016

Ludwig Zins
Dipl.-Ing. [FH] Ludwig Zins
Munich, 20 January 2014

fogra cert
Ink colour 23433-3



RESISTA®

IMPRESSION®

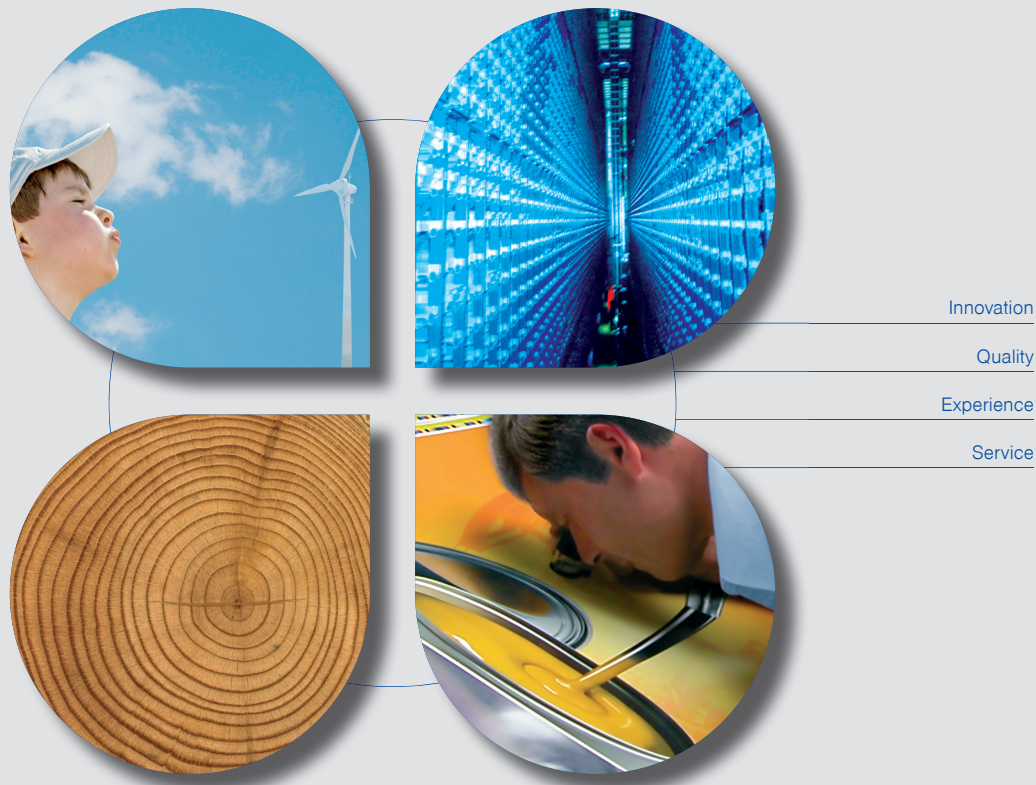
Fastness properties of INKREDIBLE sheet-fed offset process inks

The fastness properties of the INKREDIBLE sheet-fed offset ink series meet the standard requirements for commercial work. The black of the IMPRESSION series offers no fastness to alcohol and solvent mixtures owing to the toning component used. Please use the RESISTA Black if full fastnesses are required.

	Light	Alcohol	Solvent	Alkali
Yellow	5	+	+	+
Magenta	5	+	+	-
Cyan	8	+	+	+
Black*1	8	+	+	+
Black toned*2	8	-	-	+

*1 Black with all fastness properties in the RESISTA series

*2 Reflex Blue toned black with limited fastness properties in the IMPRESSION series



Innovation

Quality

Experience

Service



Fogra-certified

All INKREDIBLE sheet-fed offset process inks are certified in accordance with ISO 2846-1 and are therefore qualified for production in line with the Process Standard Offset (PSO) or ISO 12647-2 standard. We have taken this step of having our products independently certified, in order to provide you with written evidence of the standards of safety and reliability they fulfil.



The extra rub-resistant inks

The extra rub-resistant ink series of our INKREDIBLE family are formulated chiefly on the basis of renewable raw materials. In addition to their resistance to mechanical stresses, the degree of gloss they offer is also highly impressive. As mineral oil-free, oxidative-drying ink series, they are particularly tough when it comes to converting, irrespective of whether they have been overcoated with a water-based coating or not. Certain substrates can make life exceedingly difficult: in the majority of cases, a rub-resistant ink is all that's required, but sometimes a tougher coating is required.

RESISTA®

The stay-fresh INKREDIBLE process series offering excellent rub resistance properties for more leeway when finishing sensitive, absorbent substrates. The ideal process series for printers who work primarily with matt-coated/uncoated papers and card stocks, with and without coating.

- Excellent rub resistance
- Especially intensive, oxidative drying
- High fount solution tolerance
- Maximum stability in the production run
- Highly suitable for perfecting presses

This INKREDIBLE process series is available in two drying settings:

RESISTA® N with fast, oxidative drying.

RESISTA® F with good duct stability for ease of use.

IMPRESSION®

The stay-fresh INKREDIBLE special process series for excellent rub resistance. This mineral oil-free special ink series offers greater reliability for jobs that demand very high ink coverage on difficult substrates, or when working in the enhanced colour space with higher densities and when the level of mechanical stress during postprint finishing is high.

- Very good rub resistance
- High colour intensity
- Fast oxidative drying
- High contrast and dot definition in colour reproduction
- Suitable for perfecting presses

	Drying properties	Dot definition	Gloss	Setting	Rub resistance	Rapid postprint finishing	Suitable for inline perfecting	Matt-coated & uncoated papers
RESISTA®	N/F	8	9	7	10	8	8	9
IMPRESSION®	F	9	9	8	10	9	8	9