SCREEN PRINTING INK ZGN MULTIFUNCTIONAL Glass • Metal • Plastics



Technical Data:

Ink Type:		n printing -component
Base:	Solvent-Based	
	Without	t silicone-
	containing flow agents	
Degree of Glo	oss:	Medium
Drying speed	1:	Medium
Hardener:	Z/H	
	SVC/H	ł

For substrates: Glass Metals Coated substrates PP, PE Duroplastics PMMA, PA

Please see information on reverse side

SunChemical®

Coates Screen Inks

NEW – user-friendly solventbased alternative for demanding technical applications

Free of:

Aromatics Butyl glycolate (GB ester) Solvent Naphtha Cyclohexanone Phthalates PAH Low hazard classification according to: GHS Compliance with: RoHS, REACH, EuPIA Toy Standard: DIN EN 71-3:2019



Screenprint on glass - Kitchen design, Shutterstock

Coates Screen Inks GmbH

Nuremberg Screen and Pad Printing Inks from Wiederholdplatz

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ZGN MULTIFUNCTIONAL Glass • Metal • Plastics

With this newly developed screen ink range ZGM we offer another modern, future-oriented and especially environmentally compatible and user-friendly ink system.

This exceptionally resistant 2-component screen printing ink allows reliable printing on a vast range of demanding substrates, especially for technical and industrial applications. Using the corresponding hardeners the ZGM ink range is suitable for various types of materials such as glass (mainly sheet glass), metals, coated surfaces, pre-treated polyolefines (PP, PE), thermoplastics such as PMMA and PA as well as duroplastics.

ZGM inks show excellent processing and handling properties. This ink exhibits excellent screen openness, very homogenous flow properties and a fast initial adhesion after drying.

Screen printing inks ZGM are available in colour range C-MIX 2000 in an especially colour intensive adjustment. Also available in highly opaque range (HD) and brilliant MG bronzes (metal gloss).

Screen inks ZGM are formulated with especially environmentally-compatible raw materials to be in line with current safety requirements. All colour shades of ZGM inks as well as the thinners and additives we recommend for adjusting this ink type neither contain aromatics, butyl glycolate (GB-Ester), cyclohexanone nor polycyclic aromatic hydrocarbons (PAH).

In addition this new ink system meets all necessary requirements for obtaining the GS mark (category 1) according to GS specification AfPS GS 2014:01 PAH).

More technical information and samples are available upon request.



MAIN SUBSTRATES

- Glass and ceramics
- Metals
- Coated surfaces
- Polyolefines

Processed with Hardener SVC/H:

Printing on glass, ceramics, duroplastics, metals. Chromium and nickel-plated, gold-plated or rhodium-coated surfaces.

Processed with Hardener Z/H:

Printing on thermoplastics, especially polypropylene (PP), polyethylene (HD-PE, LD-PE), PMMA (acrylic glass), polyamide (PA), cellulose acetate, duroplastics, metals, coated surfaces.

Thinners:

Standard:	VD 60
Quick:	VD 45
Very slow:	VZ 35

These statements are no assurance of suitability of screen printing inks for specific substrates. We provide these details to inform our customers about our screen inks and their possible applications; printing trials are always essential. This information is based on our present experiences – 01/2020

