

SCREEN PRINTING INK

ZGM

MULTIFUNCTIONAL Glass • Metal • Plastics



SunChemical®

Coates Screen Inks

NEW – user-friendly solvent-based 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

Technical Data:

Ink Type: Screen printing ink, 2-component

Base: Solvent-Based
Without silicone-containing flow agents

Degree of Gloss: Medium

Drying speed: Medium

Hardener: Z/H
SVC/H

For substrates:

Glass

Metals

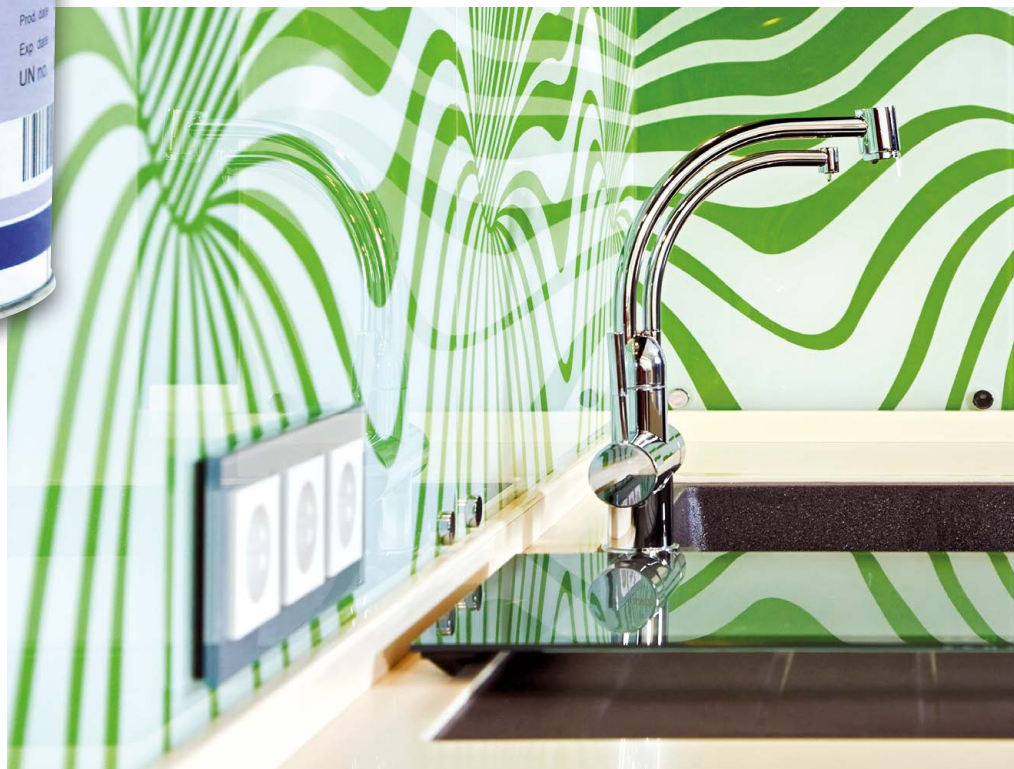
Coated substrates

PP, PE

Duroplastics

PMMA, PA

Please see information on reverse side



Screenprint on glass - Kitchen design, Shutterstock

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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

