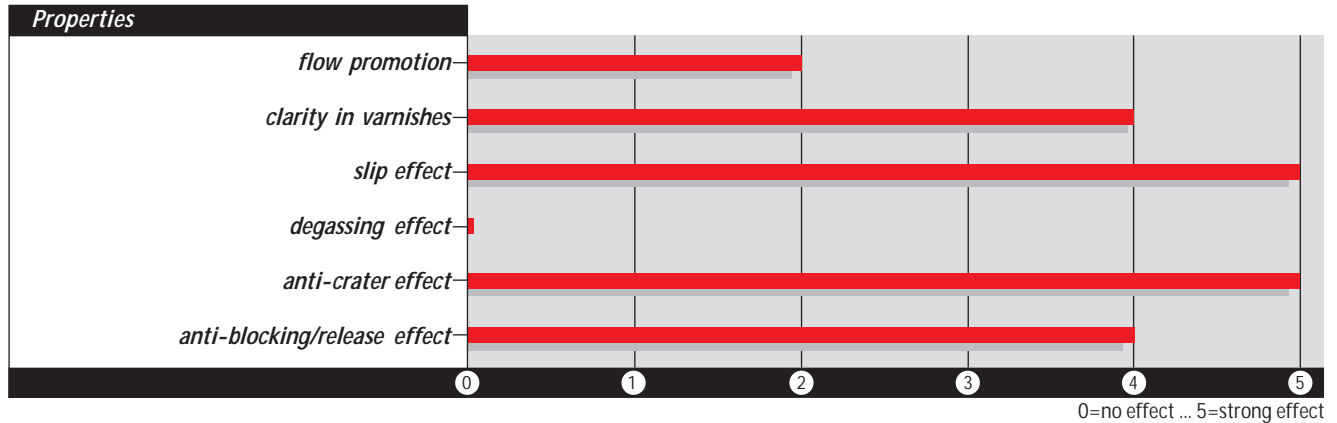


# TEGO® Glide 410

slip and flow additive



## Special properties

- can be used universally in water-based, radiation-curing and solvent-based systems
- highly effective
- improves scratch resistance
- prevents and eliminates contamination caused craters
- prevents patchy matting and surface irregularities in solvent-based formulations through controlled orientation of the matting agent
- improves air-draught sensitivity

## Examples of application

- solvent-based wood coatings  
**recommended addition level on total formulation: 0.03 to 0.2 %**
- water-based and solvent-based industrial coatings  
**recommended addition level on total formulation: 0.03 to 0.3%**
- water-based overprint varnishes  
**recommended addition level on total formulation: 0.1 to 1.0 %**
- printing inks  
**recommended addition level on total formulation: 0.05 to 1.0 %**
- water-based wood coatings  
**recommended addition level on total formulation: 0.05 to 0.5 %**
- decorative coatings  
**recommended addition level on total formulation: 0.05 to 0.3 %**
- leather coatings based on polyurethane prepolymers, acrylic/isocyanate, vinyl resins, cellulose nitrate, polyurethane and acrylic emulsions  
**recommended addition level on total formulation: 0.1 to 1.5 %**

## Processing instructions

- Addition to the coating as supplied or as a predilution is possible.
- Predilution in a recommended solvent simplifies the addition and incorporation.

## Solubility

### mixing ratio

(parts by weight)	1:100	1:4
water	-	-
isopropanol	+	+
butyl glycol	+	+
butyl acetate	+	+
methoxypropyl acetate	+	+
xylene	+	+
mineral spirits	-	-
TPGDA	+	+

+ = clear, o = opalescent, - = turbid/insoluble

## Chemical description

polyether siloxane copolymer

## Technical information

- appearance clear liquid
- active matter content 100 %

## Specification

- refractive index at 25 °C DIN 51423 1.432 - 1.435
- density at 25 °C DIN 51757-4 1.00 - 1.02 g/ml
- Gardner colour number DIN ISO 4630 < 2
- non-volatile content 3 h/105 °C 90.0 - 94.0 %
- viscosity at 25 °C DIN 53015 1200 - 2500 mPas

## FDA/BgVV status

The active ingredient of TEGO® Glide 410 ist listed in the EC Directive 95/3, Annex III - Incomplete List of Additives - under Polyoxylalkyl (C2 - C4) dimethylpolysiloxan without a specific migration limit. Detailed information about the BgVV status is available on request.

## Registration status

The active ingredient of TEGO® Glide 410 is listed in the following chemical inventories: EINECS, TSCA, DSL, MITI, AICS, ECL

## Packaging

steel canister	25 kg
steel container with bung	200 kg

## Storage stability

12 months in closed containers