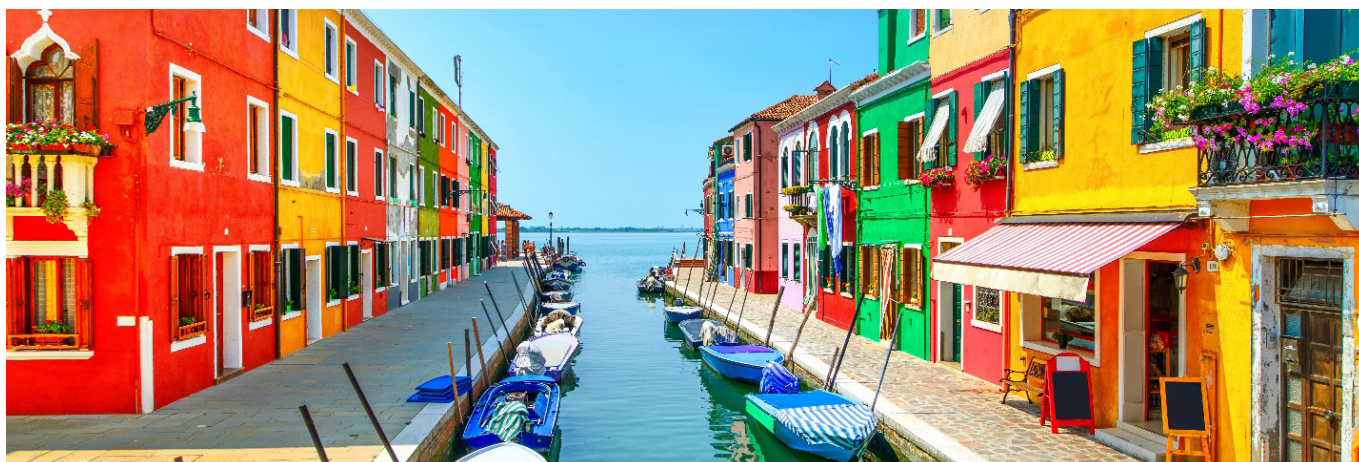


# Improvement of color acceptance

TEGO® Color Aid 7066, TEGO® Color Aid 7060, TEGO® Color Aid 7062, SURFYNOL® 2502, CARBOWET® 138



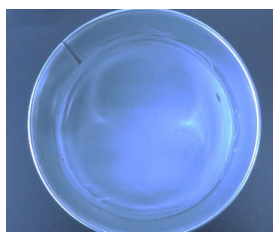
Pigment concentrates are widely used to achieve and adjust the desired color impression. Sometimes the compatibility between pigment concentrate and base paint is not optimal. Compatibilizers are low-molecular weight substances designed to improve the compatibility between pigment concentrate and base paint. A perfect color acceptance is achieved.

## TEGO® Color Aid 7066

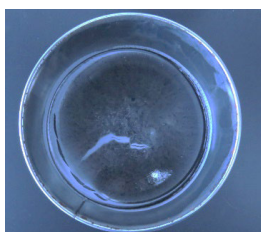
TEGO® Color Aid 7066 is a wetting and dispersing additive for waterborne formulations. It can be post added to the paint and helps the color strength development and color acceptance, working like a compatibilizer. When used as the main dispersant, TEGO® Color Aid 7066 especially stabilizes inorganic pigments.

### TEGO® Color Aid 7066 prevents floating in waterborne paints

- Addition of 5% PBk 7 pigment concentrate to white acrylic base paint
- For comparison w/o and with 1% TEGO® Color Aid 7066
- Homogenize via speedmixer for 1 minute @ 3500 rpm
- Observe in-can floating after 24 h



Blank

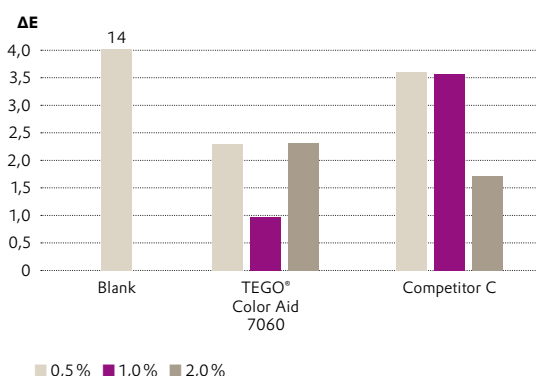


TEGO® Color Aid 7066

## TEGO® Color Aid 7060

TEGO® Color Aid 7060 is a compatibilizer for universal colorants in alkyd-based paints. It improves color acceptance and tinting strength in post-addition to the base paint. TEGO® Color Aid 7060 is suitable for all kinds of pigments.

### Universal Colorant based on PR 101 in White Alkyd Base Post addition



## TEGO® Color Aid 7062

TEGO® Color Aid 7062 is a compatibilizer for solventborne base paints. It can be post added to low polar base paints and helps the color acceptance of universal colorants.



Click here for more information!

## TEGO® Color Aid 7062 as Co-dispersant in an Universal Colorant

### COLORANT FORMULATION

Water	19.4
TEGO® Dispers 651	17.0
TEGO® Dispers 652	1.5
TEGO® Foamex 812	1.0
Biocide	0.1
Bayferrox 130 BM	60.0
<b>TEGO® Color Aid 7062</b>	<b>1.0</b>
Total	100.0

- addition of compatibilizer before grinding
- tinted with 5% colorant in Pliolite® formulation



## SURFYNOL® 2502

SURFYNOL® 2502 is a dynamic wetting agent that provides good foam control and improved water solubility. It is suitable for waterborne coatings and inks.

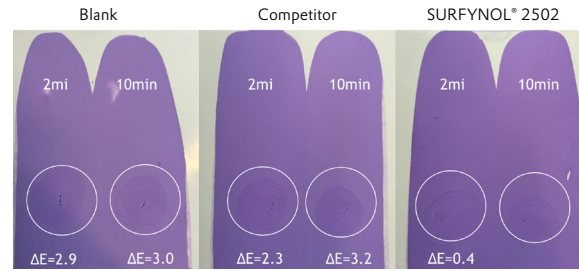
### Overview of Compatibilizers

	Universal colorant in alkyd paint	w/b colorant in w/b paint	Co-dispersant in base paint	Co-dispersant in colorant	Main dispersant	Post addition
TEGO® Color Aid 7060	●	●	●	●	●	●
TEGO® Color Aid 7062	●	●	●	●	●	●
TEGO® Color Aid 7066	●	●	●	●	●	●
SURFYNOL® 2502	●	●	●	●	●	●
CARBOWET® 138	●	●	●	●	●	●

● highly recommended ● partly suitable ● not recommended

## SURFYNOL® 2502 improves Color Strength & Rub Out

- addition of PV23 colorant to white acrylic base paint

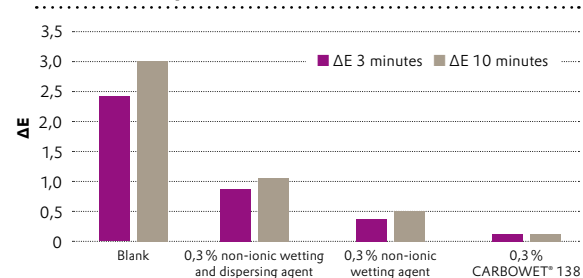


## CARBOWET® 138

CARBOWET® 138 is a non-ionic wetting additive that provides additional dispersing properties. CARBOWET® 138 wets all kinds of pigments and was designed as an alternative to APEs with an HLB-value around 14.

- Paint is based on a polyurethan-acryl dispersion
- Wb pigment concentrate based on carbon black

### Colorant acceptance with CARBOWET® 138



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**EVONIK OPERATIONS GMBH**  
 Goldschmidtstraße 100  
 45127 Essen  
 Germany  
 Phone +49 201 173-2222  
 Fax +49 201 173-1939  
 coating-additives@evonik.com  
 www.coating-additives.com