



TEGO® AddBond and TEGO® VariPlus

Dear reader,

In our last Tego mail we displayed the Tego news of the European Coatings show in Nuremberg.

Today we want to spark your interest in our Tego co-binders and convince you of the quality and the special features of the product groups TEGO® AddBond and TEGO® VariPlus:

Co-Binders are added to the formulation to enhance specific properties in inks and coatings. In contrast to additives, the concentrations used here are in the range of 5.0 – 20.0 % relative to the main binder. The broadly compatible TEGO® co-binders are available for solventborne, waterborne or radiation-curing formulations.

The TEGO® VariPlus grades are co-binders based on modified Ketone-aldehyde resins. Their hard-resin character provides the formulator with the simple means of increasing hardness, gloss, antiblocking properties and drying speed of inks and coatings.

The hyper-branched polymeric structures yield low solution viscosities, so that VOC levels are reduced. Selectively introduced functional groups make TEGO® VariPlus grades ideally suited for pigment dispersions of high color strength. They are adequate for inorganic and organic pigments and also for carbon black. Pigment loading capacity is increased so that even at high pigmentation an excellent gloss can still be obtained.

The TEGO® VariPlus grades improve adhesion on different surfaces. They are unsaponifiable and thereby improve corrosion resistance. Therewith the product group TEGO® AddBond is useful in various applications.

The TEGO® AddBond grades are polyesters which, due to their special polymer structure and the type of functional groups, improve the adhesion of coatings to metals and plastics. The adhesive power of the TEGO® AddBond grades, combined with their excellent resistance to hydrolysis and their water-repellent properties significantly improve corrosion protection in coatings.

In addition, the TEGO® AddBond grades improve intercoat adhesion so that they are highly recommended even in multi-coat formulations. They improve the cohesion within the film layer. Moreover TEGO® AddBond products help to improve gloss and flexibility.

Product Overview TEGO® AddBond and TEGO® VariPlus

Produkt	Waterborne	UV	Solventborne	Adhesion to metal	Adhesion to plastic	Hardness	Flexibility	Viscosity reduction/enhancement of solids	Gloss	Drying time	Pigment wetting and stabilization	Fixation of aluminum pigments	Remark
TEGO® AddBond LTW			•	•	•		•	•	•			•	
TEGO® AddBond LTW-B			•	•	•		•	•	•			•	
TEGO® AddBond LTH		•	•	•		•			•			•	solvent-free
TEGO® AddBond 2440			•	•	•							•	for products coming into contact with food, please request detailed information
TEGO® AddBond DS 1300	•			•	•		•					•	free of organic solvents
TEGO® VariPlus SK		•	•	•	•	•		•	•	•			formaldehyde-free, free of organic solvents
TEGO® VariPlus EP-1201 TF			•	•	•				•	•			formaldehyde-free, free of organo-tin components
TEGO® VariPlus TC			•	•				•	•		•		solvent-free, very wide solubility and compatibility
TEGO® VariPlus AP		•	•	•				•	•				formaldehyde-free, free of organic solvents
TEGO® VariPlus CA			•	•				•	•	•			solvent-free
TEGO® VariPlus EP-UC	•		•					•	•		•		100 % liquid, solvent-free, very wide solubility and compatibility
TEGO® VariPlus DS 50	•			•	•			•	•	•	•		formaldehyde-free, free of organic solvents
TEGO® VariPlus UC W40	•								•		•		free of organic solvents, for formulation of universal pigment
TEGO® VariPlus 3350 UV		•		•	•				•				in tripropylene glycol diacrylate

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General information & product samples

TEGO® AddBond S D

TEGO® VariPlus S D

Product overview

Tego Journal

Please contact me

To request further information or samples please tick the appropriate box
S = Sample, D = Data Sheet

Further information you can find under www.tego.de
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