

## High Strength Bio XP

The **High Strength Bio XP** is a modern high colour-intense series designed for the wide possible field of applications. This series is suited for almost any type of printing machines (perfecting machines as well as straight printing presses). Due to the perfect ink/water balance the ink is low misting even on high speed printing. It is **mineral oil** and **cobalt free** and based on renewable raw materials.

### Characteristics

- Contain >70% of renewable materials
- Is duct fresh
- Comply with the ISO 2846-1 and allow printing in accordance to the international standard norm ISO12647-2
- Is drying by penetration and to a high degree by oxidation
- Is highly pigmented
- Are free of cobalt based drying catalysts

The ink series **High Strength Bio XP** fulfils all requirements of ISO-Norm 2846-1.

The benefits of the **High Strength Bio XP** are excellent ink-water-stability, good setting properties and rapid further processing as well as an optimised correlation to ISO 12647-2 printing standard, ideally suited for gloss; matt coated and uncoated papers and board.

### Properties:

Fast work and turn	5
Fast processing/finishing	5
Rub resistance	4.5
Gloss	4.5
Setting	medium/fast
Suited for perfecting	yes
IR curing recommended	no
Duct fresh	yes (roller fresh)

5 = excellent, 4 = very good, 3 = good, 2 = satisfying, 1 = sufficient

			Light	Transp.	Sprit	Nitro	Alkali
High Strength Bio XP	Yellow	(AW04CF4900C.2)	5	+	+	+	+
High Strength Bio XP	Magenta	(AW04CF4900M.2)	5	+	+	+	-
High Strength Bio XP	Cyan	(AW04CF4900Y.2)	8	+	+	+	+
High Strength Bio XP	Black	(AW04CF4900K.2)	8	+	+	+	+

+ Properties given, - Properties not given

*This technical instruction sheet is designed for your information and reference. It is based on and conforms to our current knowledge. However as actual application is affected by many factors over which we have no control, we are not liable for printing failures.*