

## Water-Based Versatile Inks

**AQUASTICK** is a water-based range for flexographic printing. It is used as a versatile ink by printers who regularly work with a wide variety of substrates.

### **Application**

The inks in the **AQUASTICK** range are characterized by excellent adhesion to most difficult-to-print substrates. After 24 hours, **AQUASTICK** also offers exceptional water resistance making it ideal for applications requiring special resistance to external aggressions.

**Substrates** : smooth or non-absorbent substrates such as PE, PP, PVC or metalized films

### **Printing**

- **Volume indication** : For solid prints, 7 – 9 cm<sup>3</sup>/m<sup>2</sup> (anilox : 300 – 350 LPP)  
For Process Printing : 3 – 5 cm<sup>3</sup>/m<sup>2</sup> (anilox : 450 – 700 LPP)
- **Drying** : IR and/or forced air tunnel
- **Directions for use** : Stir well before use

### **Ink properties**

- **Physical properties**
  - Flexographic UV ink
  - Aspect/color : Available in the Pantone shades

Spring offers a full in-house color matching service. To do so, please provide all suitable information including printed targets, anilox rolls specifications, and samples of the substrate.

- % solids : 30 – 50 % (depending on the selected color)
- Viscosity : 25 – 30 sec. (4 Ford Cup)
- pH : 7 – 8
  
- **Storage**
  - 12 months after the ship date in a closed container
  - Keep in a ventilated space between 5°C – 30°C
  - Do not expose to light
  
- **Packaging**
  - Black pail (5 / 10 / 20 liters)

## **Additives**

**AQUASTICK** Inks are supplied press-ready. However, additives are available to :

- Stabilize the pH (AS-X803),
- Delay drying (RS3221),
- Accelerate drying (AS99.9),
- Minimize foaming (AM39).

For the use of these products, please refer to our Tech Data Sheet for Additives.

## **Cleaning**

Spring also supplies cleaning solutions :

- **NC 32** General cleaner for water-based inks/coatings
- **SoftClean** Maintenance cleaner for anilox cylinders; for UV and water-based inks/coatings