

ACTEGA Kelstar Technical Bulletin

Primer Coatings

ACTEGA Kelstar has formulated a variety of different primers for various applications. The purpose of this technical release is to help clarify what the differences are in the primers and how to select the correct primer for each application.

Primers are formulated to provide interfacial adhesion between the coating file and any other process going over top of the coating file. A primer is used to provide a good base coat for an off-line process.

Some of these possibilities are:

- UV Coating
- Foil Stamping
- Film Lamination
- Gluing
- Laser Imprinting
- Aqueous Coatings (such as a gloss flood coat over a satin spot to show contrast)

Primers are usually soft and flexible one-sided coatings, but can be formulated to give fairly good abrasion resistance and faster dry for two sided work. There is always a sacrifice or loss of interfacial adhesive when formulating a coating with better rub resistance or faster dry speed.

One Sided Primers

- **Starkote AQ-113**

Best primer for adhesion, moderate dry speed. Best primer for film lamination.

- **Starkote AQ-145**

Medium dry speed. Better rub resistance, gloss and faster drying than Starkote AQ-113.

Two Sided Primers

- **Starkote AQ-116**

Fast dry coating with good rub resistance and medium gloss. Can also be used as a top coat. The most widely used primer in the industry.

- **Starkote AQ-117**

Fast dry coating with higher gloss than Starkote AQ-116. Best primer for in-line UV coating. Run on presses with double coaters with UV capability.

- **Contact ACTEGA Kelstar** at 856 829 6300 or info.actega.kelstar@altana.com for additional information or technical assistance.