

PRODUCT SPECIFICATIONS

Product: **Idealine Pdev**

Description

Idealine Pdev (Phototooling Developer) is a standard rapid access developer with an activator especially designed for the production of phototools with the highest line sharpness and consistency linewidth.

How it works.

Pdev is a low pH developer with high sulfite content for maximum stability. It contains hydroquinone in combination with an activator to achieve the steepest gradation. The activator initialises the latent image enhancement components in the emulsion. The initialised latent image enhancement components attract the wandering metallic silver atoms and make them grow into stable ones, which can be developed. Accordingly, crystals which would normally be lost in traditional development processes are developed in the Idealine process, which contributes to the image quality.

Compatible films in Pdev.

Idealine RPF & OPF, Vivaldi VGB7-2 & VR7-2 will show maximum line sharpness and linewidth control. **Idealine CPF & DPF** can be developed in Pdev with a volume limitation of 10%.

Preparation and start.

Processor: Dilute the chemistry with 2 parts of water, fill the processor.

Replenisher tank: Dilute the chemistry with 2 parts of water, mix well and fill the replenisher tank.

Specific weight of fresh Pdev @ 20°C: 1,090 ± 0,010 kg/l.

Parameters for the processor

	Rapiline & AgfaRap	AgfaLine
Developing time	30 s	35 s
Developing temperature	35 °C	32 °C
Repl. rate for oxidation	2 lt.* / 24 h	2 lt.* / 24 h
Repl. rate for film production	250 ml/m ² - 50 % black	250 ml/m ² - 50 % black

* Values related to a consumption < 10 m²/day.

Consumption between 10 and 20 m²/day:

Consumption > 20 m²/day:

can be reduced to 1 lt./24 h.

can be reduced to 0 lt./24h.

Remark

The total replenishment volume per working day has to be minimum 3 litres.

Monitoring Pdev.

Pdev is a stable chemistry. Once up and running, and correctly replenished, monitoring is hardly required.

Storage conditions

Always store Vdev in a frost-free environment. Precipitation will result if the chemistry is frozen.

Shelf life

14 months after manufacturing.

Precautions

Avoid contact with skin. After contact, rinse thoroughly with water;

Sales packaging.

ABC code: ESGXE

Description: Pdev 4x5/60

Packaging: 4 x 5 l.