

FILM WASHI
world's smallest film company

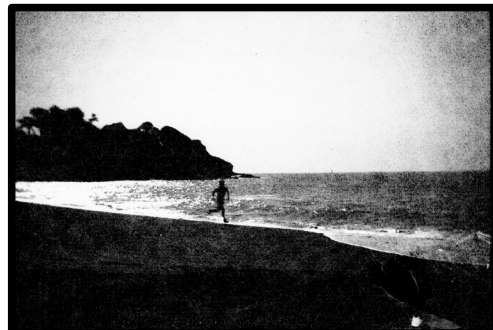
W
25 ISO
DATASHEET

HANDCRAFTED ORTHOCHROMATIC FILM ON KOZO PAPER

Maximum sensitivity: 25 ISO
Texture: very strong
Contrast: very strong

Production process: hand coating
Base: Kozo paper, 28 gr/m²
Transparency: medium

Spectral sensitivity: Maximum 545 nm
Darkroom safelight: Red, 575 nm



Special features: "W" is an orthochromatic film handcoated on Kozo Japanese paper, offering a very unique fiber effect, inspired by pictorialism, directly on the negative.

Recommended use: With high sensitivity to blue, less to green and no sensitivity to red light, this film gives best results with urban, portrait and still life Photography.

Loading & handling: 120 roll films can be loaded like any other roll.

With 135 format, it is important to use the advance lever gently and *never try to exceed 16 exposures, otherwise there is a serious risk of causing damage to the film.* Film "W" in 135 will not work with cameras using automatic advance systems.

Sheet-films, being more flexible than regular films, must be loaded under safelight. From bottom to top, the notch must be placed in the upper right corner of the film holder. Make sure the end of the film is correctly passed under the top lip of the holder, and that the dark slide can move back and forth freely without damaging the film.

Formats: 135 recycled cassette (no DX code) – 16 exp.
120/620 spool
12 pcs sheet-film pack : 4x5", 5x7" & 8x10"
Custom sizes available on demand

Exposure: Exposure setting will change according to light conditions and type of developer (see spreadsheet below). Film "W" does not have a large exposure latitude and is not very sensitive to artificial light. Exposure settings in this datasheet are for natural light conditions.

Tank processing:

As they are very thin and flexible, paper based films cannot be loaded on modern processing reels.

However, it is still possible to use old tanks with special plastic stripes, like "Correx" or "Souplinox".

Tray processing:

Film "W" must be processed with paper developer in open trays under safelight. Rollfilm must be handled with flat clamps and immersed in trays with back and forth movement through the following steps:

- **pre-wash** in clear water
- immerse in **developer** (2 to 3 minutes)
- **wash** in clear water, no acid stop bath
- immerse in **fixer** until full dissolution of the remaining white emulsion
- **wash** in cold clear water for 15 minutes minimum, with no direct water stream on the film
- suspend the film and leave it to dry

Exposure settings & processing times:

In case of direct light (sun), the maximum sensitivity will be used for a given developer, while with diffuse light (shadows, cloud) the lowest sensitivity will be used

exposure	developer	dilution	time	T°C
3/6 iso	PQ Universal	1+9	3 mn	20°C
12/25 iso	Tetenal Eukobrom	1+1	3 mn	20°C
3 iso	Rodinal	1+50	4 mn	20°C
6/12 iso	HC-110	1+100	4 mn	20°C

Structure of layers :

sensitive emulsion

Kozo paper base

anti-curl back layer

Use of flash:

Electronic flash can be used, but only at full aperture, close range and set with the lowest sensitivity.

Scan:

Film "W" can be scanned in transparency mode, like any other negative, to get the better out of half-tones. Being scanned in opacity mode, like a print, it will show higher contrast and an embossed texture.

Usage tips:

- film "W" is a high contrast film that needs to be precisely exposed to get the best results.
- being already a very contrasted film, "W" will give bestter results on less contrasted subjects.
- for landscape photography, choose the lowest sensitivity (3/6 iso) to get a wider range of green shades.
- in 135, you can reduce film curling during drying by passing toothpicks through perforations.
- in portrait photography it is better to make the light mesure directly on the subject as orthochromatism can trick the cell.
- as the emulsion used for this film is similar to black & white paper emulsion, it can be used for long exposure in pinhole cameras. It can also be used as printing paper (grade 3).

Compatibility with 35mm cameras :

CAMERA MODEL	COMPATIBLE ?	
	YES	NO
Agfa optima sensor	X	
Canon A35F	X	
Canon AE-1	X	
Canon AT-1	X	
Canon ML		X
Edixa-Mat Reflex		X
Foca **		X
Fuji flash s2	X	
Fujica STX-1N	X	
Konica C35	X	
Leica M6	X	
Minolta H-MATIC 7	X	
Minolta SRT 101 B	X	
Nikkormat EL	X	
Nikkormat FT	X	
Nikon EM	X	
Nikon F80		X
Nikon FE	X	
Nikon FM2	X	
Olympus Trip 35	X	
Olympus-Pen EE2	X	
Pentax K	X	
Retinette 1A	X	
Ricoh Singlex TLS	X	
Rollei XF-35	X	
Voigtlander VITO CSR		X
Voigtlander VSL1	X	
Yashica Mimy	X	
Yashica TL-Super	X	
Zenit 122	X	
Zenit 12XP	X	
Zenit E		X
Zorki 10		X
Zorki 4K		X

Paper film is more fragile than other films. Operate the advance lever softly, and never try to exceed 16 exposures, otherwise there is a serious risk of causing damage to the film.

Loaded in recycled 135 cartridge with no DX code, this film is not compatible with some automatic cameras.

Being coated on a very special base, this film is also not compatible with cameras using automatic film advance systems, nor cameras using perforations for cocking (like single use cameras).

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We take great care in the manufacture of each Film. If you are unhappy with the film for any reason, please get in touch and we will do our best to help. In case of manufacturing defect, films will be replaced by new ones. No other claims for compensation will be accepted.

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