

FILM WASHI
world's smallest film company

W

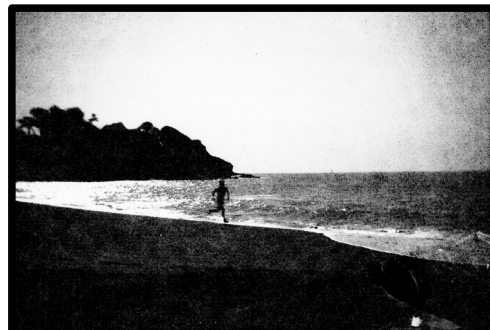
25 ISO
FICHE TECHNIQUE

HANDCRAFTED ORTHO 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 Moriki Paper's Tosa Washi (Kozo) offering a very unique fiber effect, inspired by pictorialist, directly on the negative.

Recommended use : With high sensitivity to blue, less to the 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 normally.

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

Sheet-films, more flexible than regular films must be load 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 holder and that 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 condition and type of developer (see spread-sheet below). Film "W" does not have large exposure lattitude and is not very sensitive to artificial light. Exposure settings in this data sheet 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 handle with flat clamps and immerse in trays with back and forth movement through the following steps :

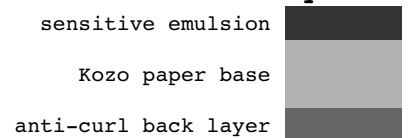
- **pre-wash** in clear water
- immerse in **developer** (2 to 3 minutes)
- **wash** in clear water, no acid stop bath
- immerse in **fixer** until full dissolution of remaining white emulsion
- **wash** in cold clear water for 15 minutes minimum, no direct streal on the film
- suspend the film and leave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

exposition	révélateur	dilution	durée	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 :



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 by transparency, like any other negative, to get maximum of half-tones. Being scanned in opacity mode, like a print, it will show higher contrasts and a "waffle" texture.

Usage tips :

- film "W" is a high contrast film that need to be precisely exposed to get the best results.
- film "W" being already a very contrasted film, it will give bests results with on less contrasted subjects.
- for landscape photography the lowest sensitivity will be choosen (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 : orthochromatism can trick the cell.
- as the emulsion used for this film is similar with black & white paper emulsion, there is no problem to use it for long exposure in pinhole camera. 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 being more fragile than other, use softly the advance lever of and never try to exceed 16 exposures, otherwise there is serious risk to damage the film. Loaded in recycled 135 cartridge with no DX code, this film is not compatible with some automatic camera. Being coated on a very special base, this film is also not compatible with camera using automatic film advance system and camera using perforations for cocking (like single use camera).

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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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