Fujicolor Negative Film ETERNA250D

35mmType 8563/16mm Type 8663

Natural color reproduction on location, outdoors, in mixed light…

ETERNA250D delivers ample sensitivity, detailed information in shadowed portions, and extremely natural facial tones… Facilitates telecine transfer digital image processing.

Ample Sensitivity, Enhanced Ability to Render Shadow Detail

Incorporation of Fujifilm's Super Nano-structured Σ Grain boosts sensitivity, producing expanded latitude and exceptional grain, and giving these films significantly enhanced ability to render shadow detail.

Atmospheric Color

Characterized by subtle palette with restrained saturation, these films excel in reproducing attractive smooth, natural skin tones.

Improved Intercuttability

Because they share the same palette and gradation characteristics as ETERNA500, these films facilitate intercutting with negatives from different stock, creating seamless images as required for motion picture production.

Exceptional Grain

Super Nano-structured Σ Grain Technology produces exceptionally fine grain, ensuring superb image quality in a variety scenes and situations.

Superb Sharpness

In addition to Super Nano-structured Σ Grain Technology, ETERNA250 incorporates Super-Efficient DIR-Coupler Technology, for significantly enhanced sharpness. Sharpness balance has been improved to eliminate noise generated during the film scanning process.

Three Technologies Achieve Dramatic Image Quality

・Super Nano-structured Σ Grain Technology

Fujifilm has developed a new technology that precisely controls the light-sensitive structure of the silver-halide grain to nanoscale, resulting in extremely fine grain. Photos generated by exposure to light are concentrated in the photosensitive nucleus via electron accumulators. The grain is designed with a precise electron accumulator structure that efficiently concentrates photons to form the latent image. The grain configuration is precisely engineered to a thickness that minimizes reflections, effectively limiting light scatter and boosting sharpness. This technology make it possible to reduce the volume of the grain to approximately 1/3 the size of previous color negative films with the same speed.

・Super-Efficient DIR-Coupler Technology

Existing DIR Couplers, which control the image formation process by releasing development inhibitors during development, produce improved definition and color reproduction. Now, a new DIR coupler has been developed to work effectively with the new Nano-structured ΣGrain, resulting in further enhancements in color and sharpness.

・**Super-Efficient Coupler Technology**

A new yellow coupler has been developed for enhanced color formation effect during processing. This highly efficient color formation makes it possible to created a thinner layer of emulsion, minimizing dispersion of light and creating crisp, clear images with little distortion.

Exposure Index

Daylight ---------- 250

Tungsten light (3200K) ---------- 64 (with Kodak Daylight Filter No.80A)

Numbers are for use with exposure meters marked for ISO/ASA speeds. Please note, however, that recommended exposure indexes may not apply due to differences in exposure meters, how they are used, and processing conditions. For best results, test exposure should be made based on instructions for the exposure meter to be used.

Color Balance

ETERNA250D is color-balanced for daylight, eliminating the need for filters in these conditions. When shooting under other light sources, use the conversion filters and exposure adjustments listed here.

Light Source	Filter	Exposure Index
	None	250
Tungsten	Kodak Filter No.80A	64
Metal Halide Lamps (e.g.,HMI)	None	250
Ordinary Fluorescent Lamps (White Light Type)	None	250
(Daylight Type)	None	250
Three-band Fluorescent Lamps White Daylight Type (5000K)	None	250

These filter recommendations will provide approximate color temperature conversion. Final color correction should be done during printing.

Reciprocity Characteristics

ETERNA250D requires not filter corrections or exposure adjustments for shutter speeds of 1/1000 to 1/10 seconds. For exposures of 1 second, open the lens 1/3 of a stop.

Edge Markings

MR code system [edge number, film identification mark (FN62), and their machine-readable bar codes, film name (FUJI250D), emulsion number, roll number, frame marks (5 perforations apart for 65mm film; 4 perforations apart for 35mm film; no frame marks for 16mm film)] printed as latent images.