ADOX SILVERMAX B/W Film

ADOX SILVERMAX is an orthopanchromatically sensitized B/W film with classical grain and a sensitization optimized for greyscale separation.
The film is made from two separate emulsions in a single layer coating and yields a very large exposure latitude.

SILVERMAX has an increased silver-content compared to regular negative films.
This enables him to built up a DMAX of >3,0 if reversal developed or reproduces up to 14 zones in our dedicated SILVERMAX Developer if developed to a negative.
This way SILVERMAX catches it all for you: brightest highlights and deepest shaddows.
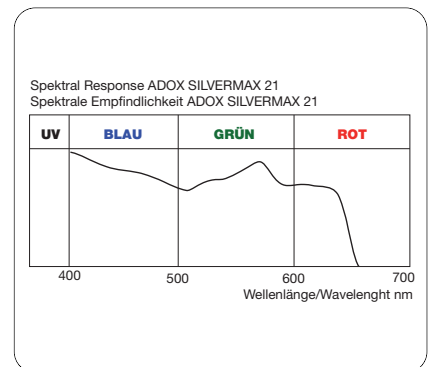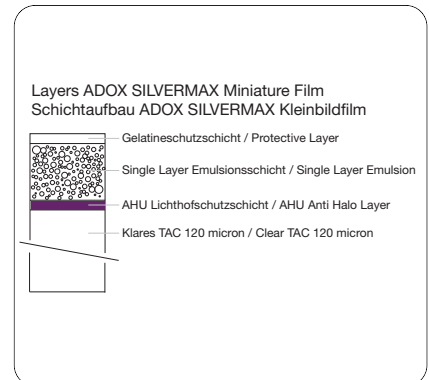SILVERMAX is incredibly sharp due to it´s anti-halation layer between the emulsion and the base.
The detail contrast is enhanced by this as well.
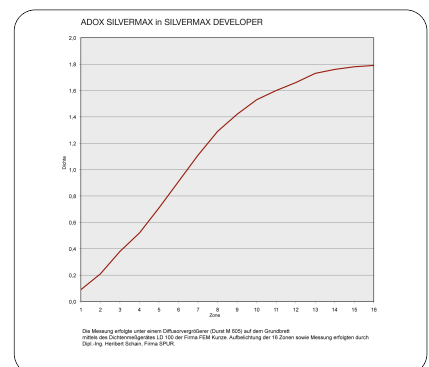SILVERMAX features an extremely fine grain, comparable to tabular-crystal films.
His speed and covering effect comes from the high silver content.
SILVERMAX is coated onto clear triacetate and can be reversal processed in the SCALA process or any other reversal process.

Layers ADOX SILVERMAX Miniature Film
Schichtaufbau ADOX SILVERMAX Kleinbildfilm

Gelatineschutzschicht / Protective Layer
Single Layer Emulsionsschicht / Single Layer Emulsion
AHU Lichthofschutzschicht / AHU Anti Halo Layer
Klares TAC 120 micron / Clear TAC 120 micron

Spektral Response ADOX SILVERMAX 21
Spektrale Empfindlichkeit ADOX SILVERMAX 21

UV	BLAU	GRÜN	ROT

400   500   600   700
Wellenlänge/Wavelenght nm

Confectioning:

• Super8 cartridge (ADOX PAN-X Reverso)
• 135/36

ADOX SILVERMAX in SILVERMAX DEVELOPER

Die Messung erfolgte unter einem Diffusorvergrößerer (Durst M 605) auf dem Grundbrett mittels des Dichtemmeßgerätes LD 100 der Firma FEM Kunze. Aufbelichtung der 16 Zonen sowie Messung erfolgten durch Dipl.-Ing. Heribert Schön, Firma SPUR.

Speed:	21°/100 ASA if processed to a negative
DMAX if reversal processed:	> 3,0
Base:	Safety Film (Acetylcellulose) acording to DIN 15551 120 micron
Anti Halation:	AHU
Curling:	low
Reciprocity failure:	Between 1/10.000 and 1/2 no adaption necessary
	at 1s exposure corection: +1/2 stop
	Bei 10s exposure corection: +1 stop

ADOX SILVERMAX B/W Film

Developing times SILVERMAX

Developing times for Silvermax in different developers.
Agitation: Agfa Agitation (the first minute continuously then every half minute 1 tilt)

SILVERMAX can be reversal processed in Agfa SCALA reversal process.
Expose to 160 ASA / 23° DIN

For other developers start with the indicated time for Agfa APX 100 (old) and decrease in steps of 10%

ADONAL/Rodinal	20 °C	1+25	8	0,65
ADONAL/Rodinal	20 °C	1+50	12	0,65
ADONAL/Rodinal	20 °C	1+25	Min.	0,65
ATOMAL	20 °C	Stamm	8-10	0,65
Kodak D76 / Ilford ID 11	20 °C	Stamm	9	0,65
Kodak HC 110	20 °C		7	0,65
Kodak XTOL	20 °C	Stamm	7	0,65
Paterson FX 39	20 °C		8	0,65
SILVERMAX Entwickler	20 °C	1+29	11	0,65