



*Product features*

**Technical specifications:**

Film type	<ul style="list-style-type: none"> <li>◀ Polyester based recording film for IR laser.</li> <li>◀ Spectral sensitivity 780nm for laser and 820nm plotters.</li> </ul>
Polyester base	<ul style="list-style-type: none"> <li>◀ Anti-static, thickness 100μ.</li> </ul>
Image quality	<ul style="list-style-type: none"> <li>◀ Practical density; D 4.10 to 4.30</li> <li>◀ Screen range: 2 to 98% at 150lpi (depending on the image setter).</li> </ul>
Safelight	<ul style="list-style-type: none"> <li>◀ Dark green, recommended Encasulite T20 ND.75</li> </ul>
Processing	<ul style="list-style-type: none"> <li>◀ Recommended Koru Film Dev.</li> </ul>
Developer conditions	<ul style="list-style-type: none"> <li>◀ Between 20 and 40 seconds at 35°C</li> </ul>
Replenishment	<ul style="list-style-type: none"> <li>◀ Koru Film Dev: 200ml/m<sup>2</sup> at 50% exposed film</li> <li>◀ Koru Film Dev: anti ox replenishment: 1000ml/24h</li> <li>◀ Koru Film Fix: 300ml/m<sup>2</sup> at 50% exposed</li> </ul>

**Features:**

- ◀ Good image quality : good sharpness and practical density
- ◀ Very wide System latitude: Wide processing & exposure latitude
- ◀ Very good Day to day consistency
- ◀ Very good batch-to-batch consistency
- ◀ Convenience and ease of use because of available ECO equipment
- ◀ Ecological & Economical replenishment, very low chemistry consumption
- ◀ Anti-static before and after processing
- ◀ Open system : perfect processing in compatible chemistries

Practical exposure on Koru - KIR

Engine	CG9800
Int. Setting	95
Practical density	D.4.10-4.30
2400dpi / 150 lpi - no calibration	
Linearity 5%	6%
50%	59%
95%	100%



*User guidelines*

**Processing conditions**

**Developer**

**Koru Film Dev (1+2)**

Recommended processing time  
 Processing latitude  
 Processing temperature  
 Dilution

30 sec.  
 20 - 40 sec.  
 35°C or 95°F  
 1 part KFDev + 2 parts water



	ml/m2	cc/sqin
15% exp.	50	0,03
50% exp.	150	0,10
85% exp.	250	0,16

Anti-Ox replenishment

1000 ml/24h = 0,264 US\_gallons/24h

**Fixer**

**Koru Film Fix (1+4)**

Fixing temperature

32°C or 90°F

without fixer electrolysis



15% exp.	500 ml/m2	0,32 cc/sqin
50% exp.	300 ml/m2	0,19 cc/sqin
85% exp.	100 ml/m2	0,06 cc/sqin

with fixer electrolysis

125 ml/m2      0,08 cc/sqin

**Practical Set-up Density:**

**D.4.10 - D.4.30** (dotgain depending on optical quality of Imagesetter)

**Chemical compatibility:**

Processable in common Rapid Access and Hard Dot chemistries.

**Dimensional stability:**

Humidity. coef:

0.10mm base      Crh 0.016mm/m / % RH

Temp. coef:

0.10mm base      Cot 0.018mm/m /1°C (0.001mm/m /1°F)

**Safelight conditions:**

Dark green

Recommended: EncapSulite T20/ND.75 or equivalent

**Storage:**

The films are preferably stored in a cool dry place temperature below 20°C (68°F) and a relative humidity between 30% and 60%.