



# VC SELECT RC

## VARIABLE CONTRAST RESIN COATED BLACK & WHITE PAPER

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### Product Description

VC SELECT is a medium weight black and white enlarging paper with a polyethylene coated base, coated with a variable contrast emulsion. Using standard colour filtration or proprietary filter sets such as ILFORD Multigrade, contrast grades from 00 to 5 are achievable in half grade steps.

The paper is equally suitable for dish and machine processing.

### Surfaces

- **Glossy:** This paper has built-in glaze to provide the maximum black density and overall print brilliance. Maximum gloss is achieved through hot air drying.
- **Fine Lustre:** An attractively textured surface which combines the depth of image and blacks normally only found with glossy papers, with the subtlety and handling advantages of a semi-matt.

### Packaging

Kentmere black and white photographic papers are packed in a black plastic bag, then an outer cardboard box or envelope and finally sealed with a label and tape. The plastic bag helps protect the paper from humidity and fumes as well as being light proof.

### Storage

All Kentmere black and white photographic papers should be stored in their original packaging, including the black plastic bag. Ideally the paper should be stored in a cool dry environment preferably at temperatures below 20°C. For prolonged storage, a freezer can be used. In either case, allow sufficient time for warming up and do not allow condensation to form on the paper.

### Paper Base (medium weight)

The paper is 190 g/m<sup>2</sup> coated on both sides with 40 g/m<sup>2</sup> of polyethylene giving a base weight of approximately 270 g/m<sup>2</sup> and a thickness of approximately 245 µm.

### Spectral Sensitivity

**Sensitivity ISO Paper Speed (ISO speed to ISO 6846 - 1992)** When exposed to unfiltered white light, VC SELECT has a speed of ISO P 640 and a contrast of approximately grade 2. When exposed using ILFORD Multigrade filters, grades 00 - 3½ have the same speed (ISO P 320) and grades 4 - 5 require approximately twice the exposure (ISO P 160).

### Exposure

VC SELECT is designed for use with tungsten or tungsten halogen light sources. Cold light source enlargers can be used, but they may limit the contrast range achievable.

## KENTMERE VC SELECT Technical Information

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### Contrast Control

Contrast as a range approximately equivalent to grades 00 to 5 is achievable from VC SELECT by means of colour filters used in the enlarger.

Proprietary filter sets such as ILFORD Multigrade are suitable, as are modular and automatic enlarger heads featuring proprietary filters; otherwise the magenta and yellow filters of colour enlarging heads can be used. Below are tables of enlarger colour filter settings recommended for use with VC SELECT

The table below shows the single filtration settings to enable grade selection. Speeds of grades are not the same. These are guide settings only – some additional slight alterations to quoted values may be required.

Grade	Durst	Kodak	Agfa
00	120Y	199Y	150Y
0	70Y	90Y	90Y
1	40Y	50Y	55Y
2	0	0	0
3	30M	25M	40M
4	75M	80M	85M
5	130M	199M	-

### Key

**Durst:** Dunco, Durst, Kaiser, Keinzle, Leitz, Lupo.

**Kodak:** Beseler, De Vere, Chromega, Fujimoto, IFF, Jobo, LPL, Omega, Paterson, Vivitar, Simpard.

**Agfa:** Agfa, Krokus, Meopta.

### PROCESSING

#### DISH/TRAY PROCESSING

The following table summarises processing sequence with different ILFORD processing chemicals.

#### Processing summary (intermittent agitation)

Chemical Options	Dilution	°C/°F	Time (min:sec)
<b>Developers</b>			
ILFORD MULTIGRADE	1+9	20 / 68	1:00
ILFORD MULTIGRADE	1+14	20 / 68	1:30
ILFORD PQ UNIVERSAL	1+9	20 / 68	2:00
ILFORD BROMOPHEN	1+3	20 / 68	2:00
<b>Stop Bath</b>			
ILFOSTOP	1+19	18-24 / 64-75	0:10
<b>Fixer</b>			
ILFORD Rapid Fixer	1+4	18-24 / 64-75	0:30
ILFORD Hypam	1+4	18-24 / 64-75	0:30
<b>Washing</b>			
Fresh, Running Water	-	Above 5 / 41	2:00

HARMAN **technology Limited**, Ilford Way, Mobberley, Knutsford, Cheshire WA16 7JL, England.

[ilfordphoto.com](http://ilfordphoto.com)