

CAIRN ECO/PRINTING GUIDELINES

THE CAIRN ECO RANGE IS UNCOATED AND TRADITIONALLY ENGINE SIZED, NOT SURFACED SIZED. THE SHEET WILL, TO THE TOUCH, APPEAR SOFT AND DOES NOT HAVE THE STIFFNESS CHARACTERISTICS OF CONVENTIONAL PAPERS.

THE UNIQUE NATURE OF THE PRODUCT MEANS THAT CERTAIN FACTORS NEED TO BE TAKEN INTO ACCOUNT TO ACHIEVE BEST RESULTS:

DESIGN

IT IS IMPORTANT TO TAKE INTO ACCOUNT THE CHARACTERISTICS OF THE PAPER, ITS SURFACE ROUGHNESS, HIGH ABSORBENCY AND OF COURSE SHADE. IMAGES REQUIRING HEAVILY SUPERIMPOSED COLOUR SHOULD BE AVOIDED. ATTENTION AT THE PRE-PRESS STAGE WILL IMPROVE RESULTS; NOT TOO FINE A SCREEN SIZE, 130 LPI OR LESS AND UNDER COLOUR REMOVAL TECHNOLOGY IS CERTAINLY RECOMMENDED IF HEAVY INK COVERAGE IS UNAVOIDABLE.

PRINTABILITY

IT IS ALWAYS RECOMMENDED THAT WHEN SETTING UP THE JOB, THE DEGREE OF TWO-SIDEDNESS BE ESTABLISHED. THIS MAY INDICATE A PREFERRED SIDE UP FOR THE FIRST PASS.

IT IS AN OPEN SHEET AND WILL TEND TO DEPOSIT MORE DEBRIS ONTO THE BLANKETS THAN CONVENTIONAL SHEETS AND THE DEGREE WILL VARY BETWEEN TOP AND WIRE SIDE. THIS IS PARTICULARLY SO WITH THE CAIRN STRAW, WHERE SOME OF THE NATURAL CHAFF CONTAINED IN THE SHEET MAY BECOME DETACHED.

CHOICE OF INKS IS IMPORTANT. BY FAR THE BEST INKS TO USE ON THIS GRADE ARE LASER INKS; IF NOT THEN CERTAINLY COBALT DRIERS IN THE STANDARD INKS ARE RECOMMENDED. LOW TACK INKS SHOULD REDUCE PICKING. IT IS ALSO POSSIBLE TO SEAL THE SURFACE WITH AN EMULSION OR TRANSPARENT INK PRIOR TO APPLYING OTHER COLOURS.

RUNNABILITY

WITH REGARD TO FEEDING AND PASSAGE THROUGH THE PRESS, THIS GRADE PERFORMS VERY WELL, BUT ATTENTION SHOULD BE PAID TO ANY DEBRIS BUILT UP ON THE BLANKETS. THE USE OF A 'SCAVENGER BLANKET' ON THE FIRST PRESS UNIT CAN HELP TO REDUCE THIS. REGULAR INSPECTION OF THE BLANKET FOR BUILD UP OF DEBRIS IS RECOMMENDED

EXTRA WASH-UP WILL USUALLY BE REQUIRED, SUBJECT OF COURSE TO THE SUBSTRATE (PAPER) IN HAND. AVOID OVER DAMPENING WITH FOUNT SOLUTION AS THIS MAY AFFECT THE PAPER'S DIMENSIONAL STABILITY.