



# RYDAL ECO BLACK

TARGET SECTOR  
LUXURY PACKAGING

TECHNICAL SERVICES  
DOCUMENT

**FibreBlend**  
UPCYCLED TECHNOLOGY

Designed primarily for box cover and retail bags, Rydal Eco Black is made from 100% recycled fibre including 50% post consumer waste. The deep and vivid shade is achieved with non-carbon dyes, making it ideal for packaging and suitable for foiling too.

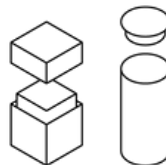
By aligning with the goals of the European Union Deforestation Regulation (EUDR), Rydal Eco ensures environmental responsibility without compromising quality or functionality.

MANUFACTURED IN GREAT BRITAIN

## APPLICATIONS

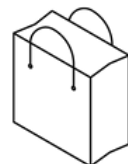
With luxury goods in mind, the Rydal collection has been engineered to provide a natural and tactile feel. Converters will experience an easy reproduction as the papers have been specially designed to ensure excellent conversion. Suitable for: cosmetics, fragrance, gift, retail, wines and spirits, and portable electronic packaging.

120 GSM  
BOX COVER



HIGH STRENGTH PROPERTIES AND A NATURAL FINISH MAKE ECO BLACK EQUALLY SUITED FOR COVERING RIGID BOXES OR WRAPPING TUBES.

220 GSM  
RETAIL CARRIER BAGS



HIGH SURFACE STRENGTH ENSURES GOOD GLUE-ABILITY AND PREVENTS SPLITTING ON FOLDS FOR SUPERB CONVERSION PERFORMANCE

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RYDAL ECO BLACK			TOLERANCE
Grammage (g/m2) :	120	220	±5%
Thickness (µm) :	170	315	Nominal
Burst (kPa) :	250	450	Nominal
Smooth Top (ml/min) :	1000	1400	Nominal
Rigidity CD (mN) :	10	60	Minimum
Rigidity MD (mN) :	20	120	Minimum
Tear CD (mN) :	1250	2300	Minimum
Tear MD (mN) :	1200	2200	Minimum
Cobb (1 min) (g/m2) :	25	25	Target
Cobb (1 min) (g/m2) :	50	50	Maximum
Wax Pick (Clear) :	14	14	Minimum
Moisture (%) :	7.0	7.0	+/- 1.0%
L Value :	23.65	23.65	Target
Delta E :	1.0	1.0	Maximum

## PRINTING & CONVERTING SUITABILITY

- Lithography
- Silk Screen
- Dry Toner
- Blind Embossing
- Die Stamping
- Foil Blocking
- Relief Processes
- Laser Cutting
- Varnishing

## ENVIRONMENTAL CREDENTIALS



94/62/CE  
& CONEG  
COMPLIANT



FULLY  
RECYCLABLE



NON CARBON  
BLACK



EN71-3  
COMPLIANT



ELEMENTAL  
CHLORINE  
FREE



CHP  
RECYCLING  
ENERGY



REACH  
COMPLIANT  
(EC NO 1272/2008)

This datasheet is made from Rydal  
Natural White 120gsm



CUPCYCLING  
WORK + TRIM

Fibres recovered  
from used coffee  
cups + cup offcuts,  
places of work and  
industry



UPCYCLED  
FIBRE CONTENT



The mark of  
responsible forestry

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