

Revive 100 Offset

Technical Information

√ = amendment + = addition X = deletion

Substance g/m ²	80	90	100	120	140	170	190	250	300	
Caliper μm (approx)	108	118	130	151	175	207	229	290	354	
Opacity (ISO) %	92	93	94	96	97	98	-	-	-	
Brightness (ISO) % D65	108	108	108	108	108	108	108	108	108	
Whiteness CIE D65	150	150	150	150	150	150	150	150	150	
Smoothness (Bendtsen) TS ml/min	300	300	300	300	300	300	300	300	300	
	WS	300	300	300	300	300	300	300	300	
Rigidity (Taber) 15° MD Stiffness Units CD	2.2	2.9	3.6	6.7	13.2	19.5	25.4	53	86	
	1.0	1.4	1.5	3.2	4.6	8.5	12.5	24	42	
Surface pH	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	

Environmental Information

FIBRE SOURCE

100% post consumer waste.

BLEACHING

Pulp is bleached using a Totally Chlorine Free (TCF) process.

DISPOSAL

This material can be disposed of by recycling, incineration for energy recovery or is biodegradable.

ACCREDITATION

- Produced at a mill that is certified with ISO14001 Environmental Management Standard.
- This product has been awarded the 100% FSC recycled label.

Purchasing Policy

The Robert Horne Group is committed to the responsible purchasing of paper products. This commitment will be realised through a stepwise approach to responsible purchasing that utilises the best available techniques and information. Robert Horne requires its suppliers to abide by all local, state and national laws and international conventions. For further information and the full Responsible Paper Purchasing Policy, visit: www.roberthorne.co.uk/environment

Technical Capability

- | | | |
|-----------------------------------------------|---|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Printing Process | - | Litho |
| Screen Ruling | - | Up to 150 |
| Printing Inks | - | Conventional, UV and IR are preferred, however press open inks have been found to be satisfactory. |
| Varnishing
(board substances only) | - | Machine or UV silk screen varnishing are both possible, provided it is carried out on top of emulsion sealing. For high gloss results it will be necessary to Matt UV varnish on top of emulsion sealer before Gloss UV varnishing. Good results have been obtained by spot varnishing on solids or dense tones by either method. Any varnish applied directly to unprinted areas of the sheet may cause variations in gloss levels. |
| Emulsion Sealing | - | Yes – board substances only. |
| Hot foil blocking | - | Yes |
| Thermography | - | Yes |
| Film Laminating | - | Yes |
| Creasing | - | Pre-creasing is advisable on 150 g/m ² and above when folding through a solid or dense tone by using a creasing matrix. |

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