



## TECHNICAL SPECIFICATION SHEET

Updated: March 2017

### PRODUCT

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**ROCKTAK RPD 120UM PERM B0307 WG60**

### CATEGORY

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Utility

### MANUFACTURER

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Rockstock

### WEBSITE

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[www.stonepaper.co.nz](http://www.stonepaper.co.nz)

### COUNTRY OF MANUFACTURE

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Taiwan

### APPLICATIONS

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Due to Rocktak's flexibility, water-proof and non-toxic characteristics it can replace most kinds of papers and synthetic paper labels.

### PRODUCT COMPONENTS

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|-----------------------------|---|
| <b>Facestock (ROCKTAK):</b> | Rocktak is a high quality mineral matt white synthetic made from stone. It is water and tear resistant and can be converted similar to paper. |
| <b>Adhesive (BO307):</b>    | Neutral Acrylic (water based) pressure sensitive permanent adhesive.  |
| <b>Liner (WG60):</b>        | Super calendered white glassine.  |

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## TECHNICAL SPECIFICATIONS

CATEGORY	UNIT	TEST METHOD	RPD 120
Thickness	$\mu\text{m}$	CNS 3685	120
GSM	$\text{g}/\text{m}^2$	CNS 1352	144
Density	$\text{g}/\text{cm}^2$	CNS 3685	1.2
Opacity	%	CNS 14931	$\geq 92$
Whiteness	%	CNS 12885	$\geq 84$
Roughness	$\mu\text{m}$	CNS 15238 MD/TD	$\leq 1.5$ $\leq 1.5$
Gloss	%	CNS 7299	2.5
Tensile Strength	$\text{kg}/\text{cm}^2$	GB 13022-91	$\geq 1.5$ $\geq 1.5$
Thermal Shrinkage	%	GBT 12027-2004 MD/TD	$\leq -1.5$ $\leq -2.0$
Tear Strength	gf	QB/T 1130-91 MD/TD	$\geq 0.3$ $\geq 0.4$

## ADHESIVE PHYSICAL PROPERTIES

Minimum Service Temperature	-20 °C
Maximum Service Temperature	80 °C
Minimum Application Temperature	-5 °C

Shelf Life: Two years, store at 22°C / 50% RH, indoor and without direct sunshine. These characteristics are average values supplied for guidance purposes.

**Note:** It is recommended that all pressure sensitive materials are trialled prior to printing.

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