



Krisis Flood Bags

Value for Insurers

Date:

Floods are **increasing**



1

The **frequency** and **intensity** of floods is increasing.

2

Is Budget Direct **prepared?**



Frequency is **increasing**

"I calculated that the 2017 flood was the one-in-35 year flood, but we've had five of those in the last 60 years." ¹

- Ed Bennett, SES Flood Intelligence Officer for the Lismore City



Severity is increasing

East coast flooding in March/April was Australia's costliest flood ever.

The Insurance Council of Australia estimates insured losses to be nearly \$4.3 billion.²



The Cost of Natural Disasters Is Increasing

- Natural disasters in Australia are increasing
 - *300% more declared natural disasters compared to 50 years ago* ³
- The cost of disasters is increasing.
 - *900% cost increase over the past 50 years* ⁴
- This trend is forecast to continue if not addressed through investment in mitigation.
 - *Today's annual disaster cost of \$15B set to increase to \$40B by 2050 without mitigation investment* ⁵
- The highest benefit-cost ratio for disaster mitigation is investment in measures of flood mitigation.
 - *\$5 saved for every dollar invested in flood mitigation* ⁶

The Innovative Solution



KRISIS
FLOOD
BAGTM



Damage To Home And Business Content Is Now Avoidable

**Krisis Flood Bags protect
home & business content**

Krisis Protection's range of watertight Krisis Flood Bags protect home and business content from flood damage.



Handy Krisis Flood Bag

Designed for small electrical and non-electrical items.

Can be placed inside a larger size Krisis Bag for extra protection.



Dimensions: 500mm x 500mm x 500mm (0.13m³)

Standard Krisis Flood Bag

Designed for small to larger-sized furniture and household items.



Dimensions: 2.0m x 1.5m x 1.5m (4.5m³)

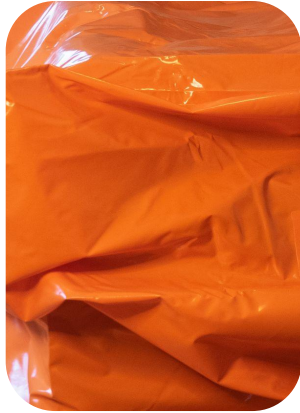
Super Krisis Flood Bag

Designed to protect medium to large-sized furniture and household items.



Dimensions: 3.0m x 2.0m x 1.5m (9m³)

Krisis Bag Features



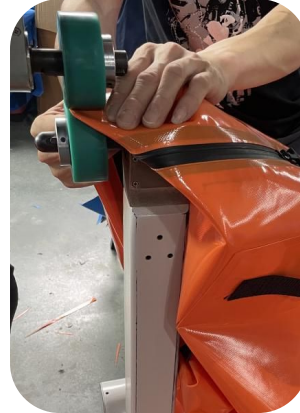
Heavy Duty PVC

750gsm, watertight material. Similar to water tanks and inflatable boats.



Watertight Zipper

Krisis Bag zippers are designed to keep the water out even if the bag becomes fully submerged.



Heat-Sealed Joins

Stitched joining creates holes that can allow water to enter. Krisis Bags use heat-sealing technology to create a completely watertight join.



Anchor points

To secure bag in position during flood. Anchors are sewed onto a separate piece of PVC and attached with heat welding. This prevents needle holes in the bags main compartment, which can compromise watertightness.



Carry Handles

Our convenient carry handles are also sewed on to a separate piece of heat welded PVC to ensure watertightness. This attachment method does not compromise on strength, with handles tested to bear up to 3744N/381kg of force.

Krisis Bag Features

Watertight Certification: 4-weeks underwater

After years of development, Krisis Bags have been independently certified as watertight, even when fully submerged.

In Australia, Ex Testing Pty Ltd has certified Krisis Bags as watertight for 2-weeks fully submerged.

Subsequent testing by US certifier, Keystone Compliance LLC., furthered this testing, certifying that Krisis Bags will remain watertight when fully submerged for 4-weeks.

Testing parameters included salt water [35,000 ppm] and a pump to create water motion.

Krisis Bags were tested to both International Standard IEC-60529 and United States Military Standard MIL-STD-810G.



Environmental Test Report 2103-234NA Rev. C

Test Standards: IEC 60529 and MIL-STD-810G

For

Krisis Protection PTY LTD

Level 40, 55 Collins Street
Melbourne, Victoria, Australia, 3000

On

Krisis Bag

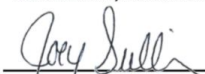
Model: Handy; Part Number: 2101101; Serial Number: 498 and 499

Performed By: **Keystone Compliance, LLC.**
131 Columbus Inner Belt
New Castle, PA 16101

Keystone Compliance, LLC. does hereby certify that all inspections and tests have been performed in accordance with the documents referenced herein with exceptions as noted in this report. The results in this report pertain to the specified equipment tested, as received. This report shall not be reproduced, except in full, without the written authorization of Keystone Compliance, LLC.

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Krisis Bag Features

End-to-end IT System

Krisis Protection has invested in a seamless, end-to-end, IT system.

The system covers every stage of the supply chain from cradle-to-grave; from the raw input materials used to make the bag, right through to end user registration and bags being reissued after a flood.

This will allow for a simple and smooth rollout of Krisis Bags for clients.



A Competitive Edge For Insurers

- Be the first to a new initiative that positions the insurer at the forefront of flood mitigation.
- Acquire new clients in flood prone areas by lowering risk premiums.
- Massively reduce payouts for content damage claims.
- Mitigation investment in Krisis Bags only targets your customers, giving a competitive edge.
- Opportunity to retain policyholders
- Better manage content payouts by requiring specified content items be secured in bag prior to flood.
- Improve customer satisfaction by preventing emotional pain.



Corporate Social Responsibility

Marketable Benefits

Krisis Bags will allow insurers to:

- Take meaningful action on floods today.
- Be a proactive leader in reducing hardship.
- Offer an additional level of flood protection to customers.
- Reinforce commitment to disaster mitigation.
- Reduce consumption, waste and cost from scraping and replacing damaged content.
- Allow flood victims to recover faster by protecting household necessities.
- Improve the lives of policyholders by preventing emotional and financial pain.



Net Savings with Targeted Rollout Example

Avoided Flood Losses With Targeted Rollout Example - Lismore	
Number of homes flooded in Lismore (2022 floods) ⁷	1,534
Average household content damage at 1.0m flood depth	\$31,570
Value of payouts avoided (\$31,570/home x 1,534 homes)	\$48,428,380

Cost Of Target Rollout Example - Lismore	
Number of homes to protect	1,534
Number of Krisis Bags required for complete home contents protection	6,520
Cost of Krisis Bags required for complete protection	\$4,412,416

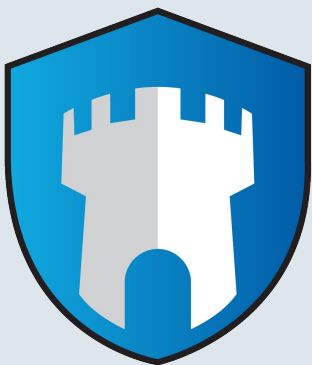
Net Benefit	
Total cost	\$4,412,416
Total savings	\$48,428,380
Net Benefit	\$44,015,964

Contact Us



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KRISIS
PROTECTION™

Appendix: References

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Appendix: Bulk Pricing Structure

Order Quantity	Discount (%)	Handy (\$/bag)	Standard (\$/bag)	Super (\$/bag)
0 - 99	0%	\$245	\$945	\$1,445
100 - 299	10%	\$221	\$851	\$1,301
300 - 499	12%	\$216	\$832	\$1,272
500 - 999	14%	\$211	\$813	\$1,243
1000+	16%	\$181	\$699	\$1,118