



## Moisture is damaging your goods during the transit by ocean freight – Is it hidden in your total cost of scrap ?

### We have the Solution !

\$50 billion dollars is the estimated annual cost of waste due to moisture damage in shipments.

Why take the risk? We can solve the problem with our very cost effective products compared to the high value cargo.

Our company, is a global leader in moisture protection with a Quality Focused organization and a Solution Provider.

We only use high purity materials which leads to high performance products with super absorption rates .Our products are extensively used across many industries which demand very high and Consistent Quality including Pharmaceutical, Food, Beverage, Aerospace, Defence, Electronics, and Garments to name a few.

We invest heavily in product development in order to ensure our customers always have the best solutions. One of the targets of our Research function also is to develop user-friendly designs to ensure our desiccants are easy to install, remove, saving time, safety and saving cost.

We also provide tracking devices which log temperature, moisture, shock, and light (unauthorised container opening) real time during complete transit period.

We recently engaged with a major client in the beverage industry. The project was to solve their ongoing quality issue with shipments to Japan due to moisture. The issue was getting a lot of focus from management because apart from increasing their customer complaints, it was damaging their reputation, increasing scrap and leading to costly expedited replacement product. After initial discussions and a deep dive of the problem we suggested our process which finds root cause and provides corrective action. We offer this service on a free of charge basis to our key accounts. We refer to this as “ Peace of Moisture Mind “

This is a step by step process which finds the root cause of the excess moisture and with the technical measurements provide robust cost effective products to protect the goods from point of despatch to arrival at the customers premises in Japan. This process included **5 major steps** which we used to monitor the end to end shipping of a consignment where problems occurred in the past.

**AUDIT** We completed a full review of the process and presented a comprehensive report including the root cause, corrective action and general recommendations for improvement.

**DIMENSION** At the despatch warehouse we took photos of the condition of the product, measured temperature and humidity prior to despatch of the goods, also included humidity measurements of the pallets, the corrugated packaging and the plastic wrapping used.  
We included state of the art monitoring equipment which recorded real time the critical parameters during the full transit of the ocean shipment. These monitoring devices also include alerts for light so we could pin point any unauthorized opening of the container.

**VALIDATE** We repeated all measurements at the destination of the consignment in Japan, also took photos of the general condition of the shipment.

**IMPLEMENT** With our worldwide network and product line, we used our technical know-how to apply the exact product to solve the problem.

**IMPROVE** We recommended to repeat this process over different times of the year so we could build a total picture of requirement to cover all seasons.



We presented a very comprehensive report to the client, including scope, activities, measurements, findings, and recommendations. Some of the findings were as follows:

- The goods arrived at the customer in Japan in perfect condition.
- No moisture damage was detected on pallets or container surfaces.
- The installation of our AbsorGel desiccant is essential to remove those conditions that allow mould/moisture to thrive.
- Data logger analysis shows that the AbsorGel blanket performed best in this test.
- The AbsorGel Blanket has a capacity of 250% absorption.
- In the test containers the average absorption rate was 153%.
- This means that there was spare capacity which should allow for the reduction in the amount of units installed /reducing costs accordingly.
- General recommendations which would reduce even further the number of desiccants required..

As our product line has very high absorption rates this would normally mean less desiccants which would be required from our competitors saving money but also time of installation. The report was shared with senior management of the client to demonstrate with hard facts how the quality issues would be solved. This helped us secure the business for AbsorboPak but also enhanced our reputation as a Solution Provider to our valued customers.

See our website for more product information and contact details:

[www.absorbopak.ie](http://www.absorbopak.ie)

**Customer Satisfaction While Reducing Costs**