ABSORTECH

Peace of Moisture Mind®

Moisture damage prevention process

Step 2: Dimension

ABSORDIM™

ABSORRANGE™

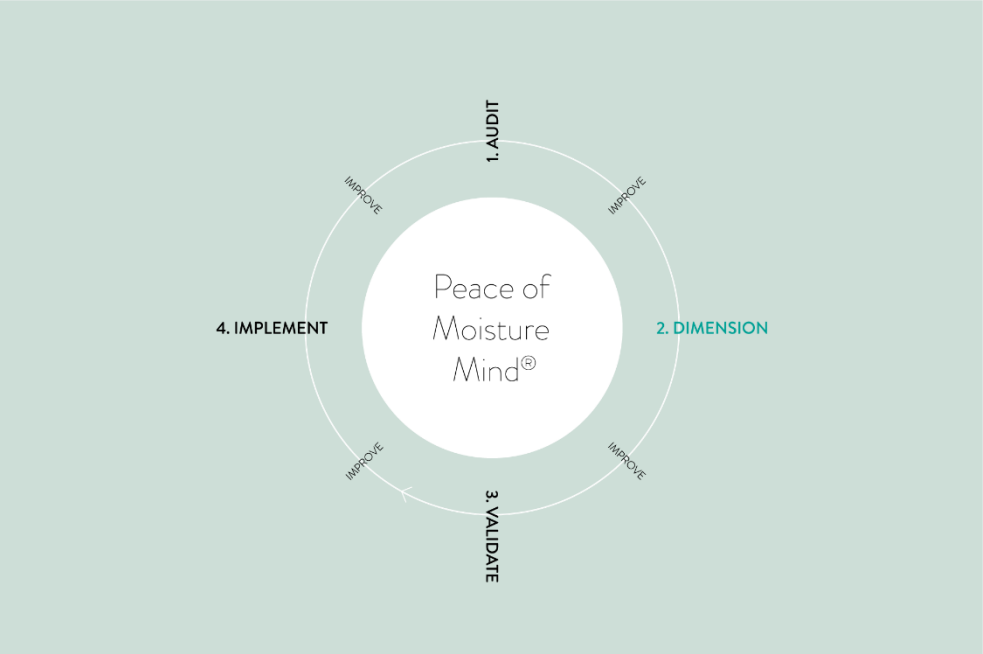
ABSORSAVE™

- **Suitable type of desiccant(s).**
- **Kilograms of desiccants needed for protection.**

Peace of Moisture Mind® - POMM

A well-executed moisture damage prevention strategy is much more than just "adding a few desiccants". POMM is Absortech's step-by-step process, based on knowledge gained over decades. It covers the customer's entire Supply Chain from their upstream supplies through packaging, loading, and shipping as well as the amount and types of desiccants to be used and how to make sure they are made available when needed and that loading, and packaging personnel are duly educated. All this to ensure goods arrive in perfect condition and that the buyer is satisfied.

The POMM steps can be used one-by-one, or seamlessly linked in an **AbsorTotal™.**



Step 2: Dimension

The purpose of DIMENSION is to determine the amount of desiccants needed to prevent moisture damage. There is an array of parameters to consider:

- **Type of goods loaded, will they release moisture or not?**
- **Packaging configuration.**
- **Moisture content of packaging material used: pallets, boxes, etc.**
- **Shipping container quality: floor, seals, and tightness.**
- **Container placing on vessel, above or below deck, inside stack or fully exposed.**
- **Weather conditions at loading and duration of journey, including transit times from container loading to container opening.**

In addition, the ability of implementing corrective actions found in an AUDIT can play a significant role. Given above variable parameters, it is complicated to make a distinct formula-based proposal. We therefore combine theoretical and practical methods.

Absorption capacity of desiccants plays a significant role. However, performance capacity mentioned in product sheets are referring to capacity under favourable conditions in climate chamber tests and is completely different from capacity under field conditions.

>> READ THIS BLOG

WHAT ABSORTECH DOES:

- **Calculates the expected amount of excess moisture likely to be needed to be absorbed [Theoretical].**
- **Uses a set of data collected during historically validated field test shipments for a variety of goods and routings [Practical].**
- **Leverages on the customer's current solution – experience from existing protection. If any [Practical].**

DIMENSION INPUT

- **Type of goods to be delivered.**
- **Transport or shipping duration.**
- **Mode of container loading (high or wide).**
- **Customer current solution (incl. cost indications).**

DIMENSION OUTPUT

- **Type and quantity of suitable desiccant.**
- **Cost- and environmental (CO_2) savings calculations. ***
- **Quotation for proposed solution.**

* Requires input from the customer.

POMM CONCEPTS USED:

ABSORAUDIT™ ABSORRANGE™ ABSORSAVE™

Dimension in practice

DIMENSIONING → QUOTATION → (COST SAVINGS CALCULATIONS)

Dimensioning

Executed by an Absortech expert by utilizing the input data explained on the previous page.

The larger the volume of desiccants needed, the more precise the dimensioning needs to be. For smaller volumes, a rule of thumb is to add more instead of fewer desiccants as the cost for desiccants is low compared to the value of the potentially impacted goods.

Quotation

Submitted by the responsible Absortech salesperson:

- **Price for each desiccant.**
- **Cost for the protection of one container.**

Cost Savings Calculations

If the customer is willing to disclose the below data, Absortech calculates a cost and environmental savings potential:

- **Desiccant brand**
- **Desiccant type**
- **Desiccant quantity**
- **Price per piece**

(Absortech can sign NDA for the above information)

AbsorRange™ container desiccants are CO_2 Neutral and have 3rd party validated calculations cradle-to-gate. Inevitable offset is made via certified Gold Standard projects.

N.B.: We strongly recommend conducting POMM Step 3: VALIDATE to ensure dimensioning is sufficient.

LRQA CERTIFIED ISO 9001 · ISO 14001

MORE INFORMATION

- Click here to get in contact with Absortech Group COO.
- Click here to get in touch with an Absortech salesman.