

Return - to - Reuse

Reverse logistics solution for desiccants



Join Absortech's circular economy concept to reduce your company's CO₂ footprint:

- Optimize your moisture damage prevention solution
- Return desiccant components for reuse
- Receive compensation by contributing to a more sustainable moisture damage prevention solution
- Add value to your supply chain and lower the climate impact of your shipping process
- Leverage on Absortech's global set up and controlled production units

About the R-to-R program

It's a circular system that reuses certain desiccant components in a smart and sustainable way. It's open to all our customers and carries several benefits on top of a lighter environmental footprint for all involved.

For certain destinations, Absortech will have 'pick-up' - points from which consolidated return shipments (CO₂ Neutral) to Falkenberg will be arranged. However, the R-to-R concept is available for all destinations but requires returned parts to be delivered DAP (Delivered at Place) to either Falkenberg (SE) or Shanghai (CN).

This pioneer concept allows companies to be part of a circular economy process and contribute to strengthen the sustainability of your supply chain and logistics process.

Apart from the obvious reduction of climate impact, there is also an economic benefit for companies taking part in the R-to-R program. Each returned component being re-production worthy will qualify for a discount on following orders.

How clever decisions and collaboration create a win-win-win

Absortech Group is committed to sustainability. We're aware of our responsibility to reduce the environmental impact of our supply chain and logistic activities. This means that we have to both reduce and optimise our use of finite resources.

First, moisture damage prevention itself helps companies protect their goods during transport. This avoids goods being scrapped and other unsustainable consequences or preventive actions. Therefore, the use of our desiccants is a first step towards the reduction goal.

Secondly, by utilizing the processes in our Peace of Moisture Mind® offering, customers can optimize their moisture damage prevention solution. The process helps them make sure products in the shipments are neither under- nor over-protected.

Third, selecting products in AbsorRange™ is a good selection as the vast majority of Absortech's desiccants are CO₂ Neutral. Materials used and sourcing has been thoroughly reviewed and remaining, inevitable CO₂ has been climate compensated (offset) via Gold Standard projects.

Our CO₂ footprint (cradle-to-gate) has been validated by IVL, the Swedish Environmental Institute and is stated in our technical product sheets. On top of that the new R-to-R program can further reduce the overall footprint as some of the components can be re-used in new production.

It's a win-win-win, you help us reduce the amount of material we need to produce new desiccants while you see the climate impact of your logistic process decreased and the planet can let out a tiny sigh of relief.



ECONOMIC BENEFITS

FOR EACH R-TO-R PROGRAM STARTED, A CERTAIN PERCENTAGE OF THE DESICCANT PURCHASE PRICE WILL BE REFUNDED AFTER THE COMPONENTS ARE BROUGHT BACK TO THE PICK-UP POINTS. THIS REFUNDED AMOUNT CAN BE:

- USED AS A DISCOUNT WHEN PLACING NEW ORDERS FOR DESICCANTS INCLUDED IN THE PROGRAM.
- ALTERNATIVELY, ABSORTECH CAN OFFSET THE EQUIVALENT AMOUNT IN ONE OF THE GOLD STANDARD PROJECTS IN WHICH ABSORTECH IS INVESTING AT THE TIME.

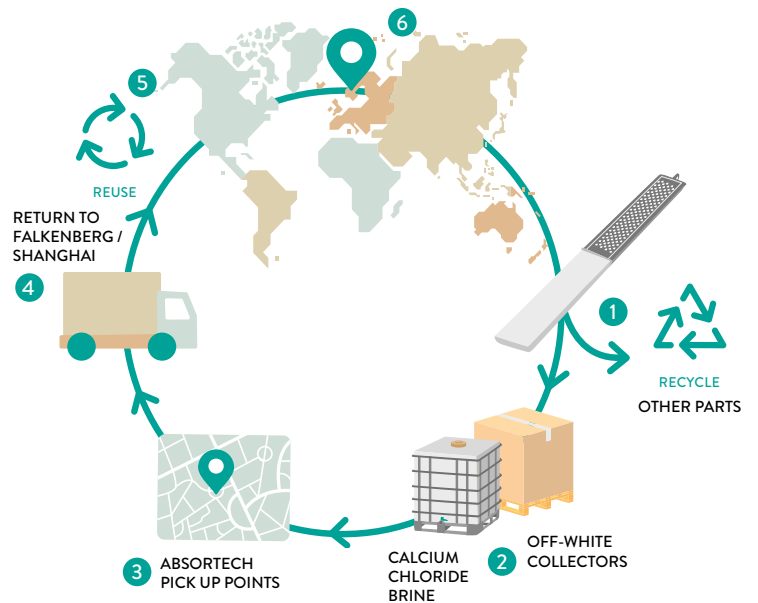




R-to-R program for Absorpole®

Absorpole is very easy to disassemble after usage. Upon arrival, the grey upper part can be recycled and two other components from the desiccant can be returned to a pick up point for reuse: the off-white water collector and the calcium chloride brine.

1. Collect the calcium chloride brine into an IBC Tank.
2. Collect the desiccant collector in pallets.
3. Either send the IBC tank and/or pallets of grey collectors to a Absortech pick-up point or arrange a DAP delivery to Falkenberg (SE).
4. Absortech will return the goods to its Falkenberg plant.
5. The calcium chloride will be sent to specialised companies to be reused in dust binding or ice melting productions.
6. The off-white water collectors will get a quality inspection and cleaning, then Absortech will reuse them for new Absorpole production.



HOW MUCH CO₂ CAN BE SAVED BY JOINING THE R-TO-R PROGRAM?

RETURNING 10 000 UNITS TO ABSORTECH FOR REUSE, CAN SAVE APPROXIMATELY 8 000 KG OF CO₂, SIMILAR TO WHAT A MID-SIZE DIESEL CAR EMITS WHEN DRIVING 10 000 KM.

from 1100 to 1500 tons of CO₂



Absortech helps you prevent moisture damage during transport. Our promise is to protect your brand, increase your savings and lower the environmental footprint of your logistics processes. We are a pioneer in moisture damage prevention with headquarters in Sweden. Since 1996, we have been offering a wide range of inhouse developed and produced desiccants made from calcium chloride. Peace of Moisture Mind® is our moisture damage prevention concept, which includes steps like audits, tests and global supply chain solutions. We are committed to base our operations on sustainable principles and help businesses like yours implement sustainable solutions to prevent moisture damage.

[LEARN MORE AT ABSORTECH.COM](https://www.absortech.com)



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