

Topdry Blanket

TECHNICAL PRODUCT SHEET



Installation and usage

Topdry Blanket starts working as soon as it is removed from its transparent sealed packaging.

It is normally placed on top of the cargo or pallets. One of the benefits of the Topdry Blanket is that it can be installed outside the container.

The calcium chloride (of 94% purity) absorbs moisture from the surrounding air passing in through a water-repellent but breathable film. The liquid Calcium Chloride turns into gel by the modified starch.

Topdry Blanket can be used for all types of cargo. They are especially suitable when the cargo is tightly packed close to the container ceiling and walls. Topdry Blanket is also suitable for reefer containers and trailers that do not have lashing rings for hanging desiccants.

Installation video guidelines

Every box is accompanied with assembly instruction via QR code. Read the code or click it to access the installation video.

Main features

DESICCANT TYPE	CONTAINER DESICCANT
TYPES AVAILABLE	2.0 kg
ABSORBING AGENT	CALCIUM CHLORIDE WITH A PURITY OF >94% MIXED WITH STARCH
MOISTURE ABSORPTION	> 300% UNDER FIELD CONDITIONS*
PERMEABLE MATERIAL	PE-PP
INSTALLATION MODE	HORIZONTAL

*ABSORPTION CAPACITY IN FIELD CONDITIONS DEPENDS ON TEMPERATURE AND RELATIVE HUMIDITY. ABSORPTION CAPACITY IN CLIMATE CHAMBER WITH CONSTANT HIGH TEMPERATURE AND RELATIVE HUMIDITY AND LONG DURATION CAN EXCEED 350%.

Installation example



Shelf Life and Conditions

The shelf life of this product is three years from the production date printed on the packaging label.

Recommended storage temperature: 5 °C to 25 °C

Access to the Safety Data Sheet



Read or click the code to access the SDS with technical and regulatory information.



Product specifications

NAME DESCRIPTION	TOPDRY BLANKET
MODEL	B2000
DESICCANT AGENT	CALCIUM CHLORIDE >94% + STARCH
DESICCANT AGENT WEIGHT	2.0 kg
COUNTRY OF ORIGIN	CHINA
PACKAGING MATERIAL	INNER:PE-PP, OUTER: NON-WOVEN
PACKAGING CONFIGURATION	SINGLE PACK (ONE PIECE SEALED IN ONE PE BAG)
INSTALLATION	Horizontal
PACKAGING INFORMATION	
CARTON	
INNER PCS	1
PCS/CTN	7
CARTON GROSS WEIGHT (kg)	15.6
DIM L × W × H (mm)	440 × 290 × 250
PALLET	
PCS/PALLET	448
PALLETS GROSS WEIGHT (kg)	1017
DIM L × W × H (mm)	1040 × 1040 × 2120

Dimensions



Materials



- Modified Starch
- Calcium Chloride
- Inner permeable: PE-PP
- Outer: Non-woven

Suggested Usage

The quantity needed will vary depending on various factors such as shipment time, climate conditions, air volume in the container, type of packaging used, cargo type. Contact us for further information.

CONTAINER SIZE	20 ft	40 ft
SHORT DISTANCE ~ 30 DAYS		
DRY GOODS	2	4
WET GOODS	3	5
LONG DISTANCE ~ 60 DAYS		
DRY GOODS	3	5
WET GOODS	5	7

Disposal

Topdry's products are intended for single use. To minimize the environmental impact, we recommend the following procedure for disposal of the used desiccant.

Product dispose to approved waste disposal facility in accordance with local regulations. Calcium chloride is classified as Hazardous Substance according to statement H319 in GHS standard (Causes serious eye irritation) and might therefore be classified as hazardous waste and should be handled accordingly.

Availability and Operational Temperature

Stock availability may vary between Topdry regions. Contact Topdry or Topdry Partner for guidance. Operational temperature: -20 °C to 70 °C.



LEARN MORE AT [TOPDRYER.COM](https://www.topdryer.com)

Since 2005, we have been offering a wide range of container desiccants and in-box desiccants made from calcium chloride. Topdry 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 China. We are committed to base our operations on sustainable principles and help businesses like yours implement sustainable solutions to prevent moisture damage.