

## BuumSorb® water protection cushions and tubes Frequently asked questions and application examples

### 1. How does the cushion and tubes work?

As the name suggests, the cushions and tubes react when in contact with water. Depending on the design, size and water quality, the cushions can absorb between 10 and 22 litres and the tubes 30 to 100 litres of tap water - test liquid H<sub>2</sub>O / 20 ° dH - German hardness.

#### NOTE

In the original condition the products are to be stored dry in their commercial packaging. The maximum absorption capacity depends on the degree of contamination and water quality.



- Water Absorbents pillow original -



- after the absorption phase -

### 2. How long does it take for a pillow or tube to absorb with water completely ?

Before the first use, make sure that the powder inside the cushions or tubes is spread as evenly as possible. The suction process can take about 4 minutes for the cushions and up to 30 minutes for the hoses.



- swelling process - pillows -



- swelling process - tubes -

#### NOTE

The pictures show some of the options of the swelling process.

### 3. How do you get a locking function?

If an **immediate barrier** is needed, the hoses or cushions should be **stored in a watered condition already**.

Add 30-50% water to each product, depending on size, so that they quickly can be placed in acute urgency.

#### NOTE

Please note that the products can become very heavy after absorption.  
The following photos are for illustration.

- pre-soaked and keep moist -



- examples of already soaked products -



**For large passages, such as sliding or folding doors, two-chamber systems are recommended.**

The already slightly wetted one side of the hose is against the water flow direction, fixed in the door and with additional contact with water, the absorption process continues.



#### 4. Can I use the hoses and cushions several times?

**Basically -YES.**

Provided that no pollutants or feces were collected and absorbed.

#### 5. How does it work?

Place the used products in a warm and dry place.

Depending on the volume, the water evaporates within 3-5 days.

**The recyclability depends on the water quality.**

The cleaner, the more often the process can be repeated.



- Example two-chamber cushion in the drying process-

#### 6. How can the products be disposed after the final use?

If only rain or surface water has been absorbed, the products can be disposed with household waste. In case of contamination with environmentally hazardous substances and liquids, the respective environmental protection laws and disposal regulations of the country apply.

**More at [www.buum-online.de](http://www.buum-online.de)** - Water absorbents with presentation video

#### **\* IMPORTANT INFORMATION !!**

**We would like to point out that the application and functionality of Wasserschutzkissen and hoses is very individual and depending on the local conditions, weather conditions and the desired use.**

For questions or individual requests, do not hesitate to call us.  
We are happy to assist you.

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