



A STABLE BASE TO FIGHT FLOODING

WITH WATER



## **SLAMDAM® IS THE QUICK AND EFFICIENT SOLUTION TO CREATE A TEMPORARY DAM**

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SLAMDAM® is a mobile emergency dam which can be set up easily by two people as soon as there is a threat of flooding and that can also be dismantled when the risk of flooding decreases.

Speed and efficiency are the most important factors in this regard. Combined with the fact that water is being combated using water which is already present, these things make the SLAMDAM® a global solution in the fight against floods.

### **BENEFITS:**

- **QUICK SET-UP**
- **LIGHTWEIGHT: 32 KG WITHOUT WATER**
- **EASY TO FILL WITH WATER**
- **EASY TO REMOVE**
- **EASY TO TRANSPORT**
- **EASY TO MAINTAIN**
- **LITTLE STORAGE SPACE REQUIRED**
- **TÜV CERTIFICATE**

In order to actually guarantee dry feet, and to protect owns, cities, electric and hydroelectric power stations from water, it is important to respond quickly, efficiently and above all effectively. Water from the surrounding area is used to fill your temporary dam. Dams or dikes can be raised in no time, and can also be increased by 30 and 50 cm. A barrier is created in only a few minutes.

In addition to being deployed in the fight against flooding, SLAMDAM® lends itself to being used for a wide array of purposes. What about catching 'contaminated' water being used for firefighting? The SLAMDAM® is a great resource to be used in the event of disaster to prevent nearby land or waterways from contamination. A temporary basin can be created rapidly, putting you in full control of the removal of the substances captured.

The flexibility of Slamdam's material means it can adopt any shape you want. It is not just coupures for cars and trains that can now be protected easily from high water. The surrounding land a railway carriage containing chemicals can also be protected quickly and easily against leaks and contamination of the nearby area. This saves emergency response teams a considerable amount of set-up time, enabling them to concentrate on the disaster itself.



## THE FIGURES SPEAK FOR THEMSELVES

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When every second counts...

1. Unfold the SLAMDAM®
2. Position the SLAMDAM® with 2 cm overlap
3. Fill the SLAMDAM® with water
4. Seal the caps
5. Your dam is ready!

As a comparison....

2 people with 2 pumps can create a 100-metre SLAMDAM® in 1 hour.  
20 people can create a 100-metre sandbag barricade in 10 hours.

The figures speak for themselves and no further explanation is required to make clear how efficient the deployment of SLAMDAM® is in case the event of high water.

Building a 100-metre traditional dam or emergency dam out of sandbags is something that will take at least 20 people around 10 hours. Not to mention the considerable activity in terms of transporting all these sandbags to the site and then removing them afterwards.

SLAMDAM® is a whole different story. With each unit measuring 5 metres in length, a 100-metre dam can be created by 2 people in just 1 hour with the help of high-capacity pumps.

The compact nature of SLAMDAM® means that a dam of this scale will require very little transportation to the site. After use, the dam can be easily removed and stored in the storage boxes supplied.

## TECHNOLOGY

EPDM HAS A NUMBER OF MATERIAL-SPECIFIC PROPERTIES THAT ARE EXTREMELY IMPORTANT FOR A DAM.

*RESISTANT TO 90 CHEMICAL INFLUENCES AND SUBSTANCES, ACIDS AND ALKALIS.*

*EPDM IS VAPOUR-TIGHT, MEANING THE DAM DOES NOT NEED TO BE TOPPED UP DURING USE.*

*EPDM IS CAPABLE OF COPING WITH CONSIDERABLE FLUCTUATIONS IN TEMPERATURE, FROM -35° C TO +120° C.*

*RESISTANT TO MICRO-ORGANISMS AND ATMOSPHERIC INFLUENCES SUCH AS ACID RAIN.*

*EPDM HAS AN ELASTICITY OF 400%, ENABLING IT TO CUSHION PRETTY MUCH ANY UNEVENNESS IN THE UNDERLYING SURFACE.*

*EPDM HAS A MINIMUM LIFESPAN OF 40 YEARS AND IS 100% RECYCLABLE.*

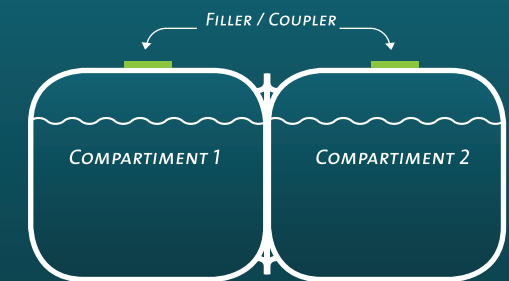
*EPDM CAN BE REPAIRED, EVEN WHEN THE DAM IS FILLED.*



The flexibility of the material ensures that the system can be used on any surface.

The simplicity of SLAMDAM® is more than evident on its exterior. Nonetheless, its specific characteristics are out of sight. A 'temporary' dam should have at least one specific property, namely that it will stay in place during flooding or disasters. With SLAMDAM® you can rest assured that it will do so, as it contains two tubes that need to be filled at the same time. This creates two discrete compartments, separated from one another by a specially developed membrane.

When water exerts external pressure on the SLAMDAM® the compartment under stress is pushed 'slightly' upwards, whereupon the second compartment 'slots in', thereby ensuring the requisite counter pressure. This counteracts the leverage effect, enabling the SLAMDAM® to provide maximum resistance to pressure exerted by high water levels.



PATENTED CROSS SECTION SLAMDAM®

## MODELS AND ACCESSORIES

	WIDTH CM	HEIGHT CM	RETAINING HEIGHT CM	LENGTH CM
▶ <b>PROFIDAM TÜV GERTIFIED</b>	134	67	50	500
▶ <b>FIRE DAM</b>	80	40	30	800
▶ <b>AGRIDAM</b>	80	40	30	800
▶ <b>HOMEDAM</b>	80	40	40	300

Each ProfiDam comes in plastic boxes of 80x60x42 cm (lwxh). These boxes are easy to transport and store.

**PUMPS WITH SUFFICIENT CAPACITY ARE IMPORTANT WHEN A DAM NEEDS TO BE CREATED SWIFTLY:**



**MEMBRANE PUMP**



**WATER PUMP**



**3x NOK 81**



**MANIFOLD NOK 81**



**HOSE N81  
20 METRES**



**SILICONE  
HOSE**

## MODELS AND APPLICATIONS

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### ► PROFIDAM

CAN BE USED IN CASE THE EVENT OF FLOODING AND HIGH WATER.

Quick and easy to fill when there is a risk of flooding and high water. The ProfiDam is TÜV-certified and has a height of 67 cm and a length of 5 m. The dam can be filled with 4,700 litres of water in just 6 minutes.



### ► FIRE DAM & AGRIDAM

CAN BE USED FOR THE PURPOSES OF DAMMING CONTAMINATED WATER USED IN FIREFIGHTING OR CHEMICAL SUBSTANCES.

The FireDam is a dam measuring 8 m in length and 40 cm in height. Quick and easy to fill, enabling swift response in the event of disasters. Whereas, The AgriDam is used for flooding on land.



### ► HOME DAM

CAN BE USED TO FIGHT RISING WATER OUTSIDE YOUR FRONT DOOR.

The HomeDam has been developed for households/private use and retailers. Its length (3 m) and height (40 cm) means it fills up quickly and can easily be positioned in front of home or shop doorways in order to prevent water damage.





SLAMDAM



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