SLAMDAM®

Dutch easy movable dam.

ONE DAM, MULTI-DEPLOYABLE

TÜV CERTIFIED

THE FIGURES SPEAK FOR THEMSELVES

When every second counts...

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

As a comparison:
a 100-metre SLAMDAM® can be created by 2 people and 2 pumps in 1 hour.
a 10-metre sandbag barricade can be created by 14 people and 1.000 sandbags in 2 hours.

The figures speak for themselves and no further explanation is required to make clear how efficient the deployment of SLAMDAM® will be in case of an emergency.

Building a 100-metre traditional dam or emergency dam out of sandbags is something that will take at least 20 people about 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 an emergency dam of this scale will require very little transportation to the site. After use, the dam can easily be removed and stored in the storage boxes supplied.

SLAM*DAM*® A DAM THAT IS DEPLOYABLE IN CASE OF HIGH WATER, FIRE OR ECOLOGICAL DISASTERS

SLAM*DAM*® is a temporary dam that can easily be deployed by two people to reduce the threat of high water. The seemingly simple dam has unprecedented possibilities and can be efficiently deployed in case of high water, fire or emergency scenarios where, for instance, chemicals are involved.

PROTECTION FROM HIGH WATER

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, this innovation offers a global solution in the fight against floods.
In order to actually guarantee dry feet, and to protect towns, cities and electric and hydro-electric power stations from water, it is important to respond quickly, efficiently and above all effectively. Water from the surrounding area is used to fill the temporary dam. Dams or dikes can quickly and easily be increased by 30 and 50 cm.

THE ADVANTAGES OF USING SLAM*DAM*®:

- 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

EMERGENCIES & ECOLOGICAL DISASTERS

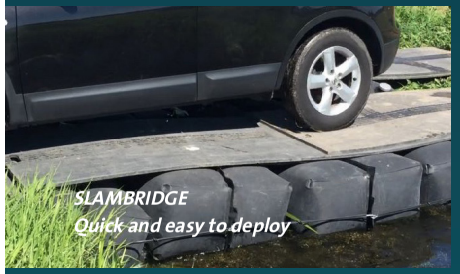
In addition to being deployed in the fight against flooding, SLAM*DAM*® lends itself to being used for a wide array of purposes. What about retaining (contaminated) fire extinguishing water?
SLAM*DAM*® is a great resource to be used in the event of disaster to prevent nearby land or waterways from contamination.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

The flexibility of SLAM*DAM*®'s material means it can adopt any shape you want. The land surrounding 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.



It takes a lot of manpower to fill sandbags and bring them to the site and it takes a lot of time to remove the sandbags afterwards. But not for SLAM*DAM*®*: these dam's can put up and transported by two people easily.*

HOMEDAM
Prevent flooding



SLAMBRIDGE
Quick and easy to deploy

PROFIDAM
Fight water with water

SLAMBASSIN
Clean a contaminated vehicle

SLAMBASSIN / OILDAM
Safely drain away and temporarily store contaminated water

MODELS AND APPLICATIONS

► ProfiDam

CAN BE USED IN THE EVENT OF FLOODING AND HIGH WATER

Quick and easy to fill when there is a risk of flooding or 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.

The *ProfiDam L* is a bit bigger and has a height of 1 metre.

► HomeDam

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 a home or shop doorway in order to prevent water damage.

The *HomeDam* can easily be filled with a (garden) hose.

► FireDam & OilDam

CAN BE USED FOR DAMMING CONTAMINATED FIRE EXTINGUISHING WATER OR CHEMICAL SUBSTANCES

The *FireDam* is a dam that measures 8 m in length and 40 cm in height. Quick and easy to fill, enabling swift response in the event of disasters.
The *OilDam* is a *FireDam* made of PVC that can dam or store oil-contaminated water.
For example, the Oildam can be deployed in case of an oil leak or a fire at an oil company, in which case the contaminated fire extinguishing water must be collected in order to prevent an ecological disaster. This dam is available in any volume.

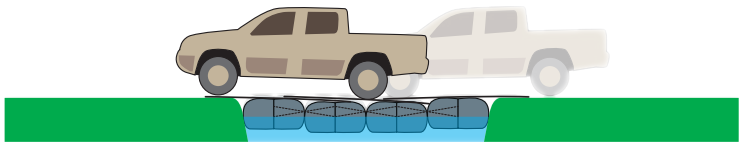
► **SLAM*BRIDGE GXS 5 / GXS 10***

CAN BE USED AT CONSTRUCTION SITES OR EVENTS TO CREATE A STURDY FLOATING BRIDGE

The *SlamBridge* is a temporary floating bridge that can swiftly be put into place. The bridge consists of multiple HomeDams, which are inflated with a leaf blower for this purpose. The dams are tied together with large elastic bands and jammed between the ditch banks. The road mats can be placed on top and vehicles can cross the water.

The floating bridge is suitable for 4x4 vehicles with a maximum weight of 1.500 kilograms. With a span of 5 and 10 metres, the *SlamBridge* is a quick and easy way to create a bridge within a few minutes.

Usable for civil engineering.



Usable for events.

SLAMBASSIN: A WATERTIGHT WASHING AREA USABLE IN CASE OF CHEMICAL ACCIDENTS

► **SLAM*BASSIN***

CAN BE USED AS A WATERTIGHT WASHING AREA IN CASE OF CHEMICAL DISASTERS

SlamBassin offers a complete package for creating a mobile washing area. Vehicles contaminated with bird flu, for instance, or vehicles that have been in contact with chemicals can be contained and cleaned in any given place in the SLAM*DAM*® mobile washing area.

This mobile washing area can be made to size, if desired. *SlamBassin* consists of a number of dams forming a confined space. The dams are inflated with a leaf blower and tied together. A tarpaulin is placed over of the structure, making the area watertight. The washing area is now ready for vehicles that need to be cleaned or disinfected.
After the vehicle is cleaned, the contaminated water is temporarily stored in an empty dam before a tanker comes to drain the water away.

MODELS AND ACCESSORIES

	WIDTH (CM)	HEIGHT (CM)	RETAINING HEIGHT (CM)	LENGTH (CM)
► PROFIDAM TÜV GECERTIFIED	134	67	50	500
► PROFIDAM L	200	100	80	500
► FIREDAM	80	40	30	800
► SLAMBRIDGE	240	40	-	300
► HOMEDAM	80	40	40	300
► OILDAM	80	40	30	800

Each ProfiDam comes in plastic boxes of 80x60x42 cm (lxwxh). 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

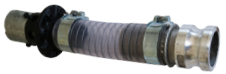
HOSES AND COUPLINGS:

T-PIECE 3XNOK 81

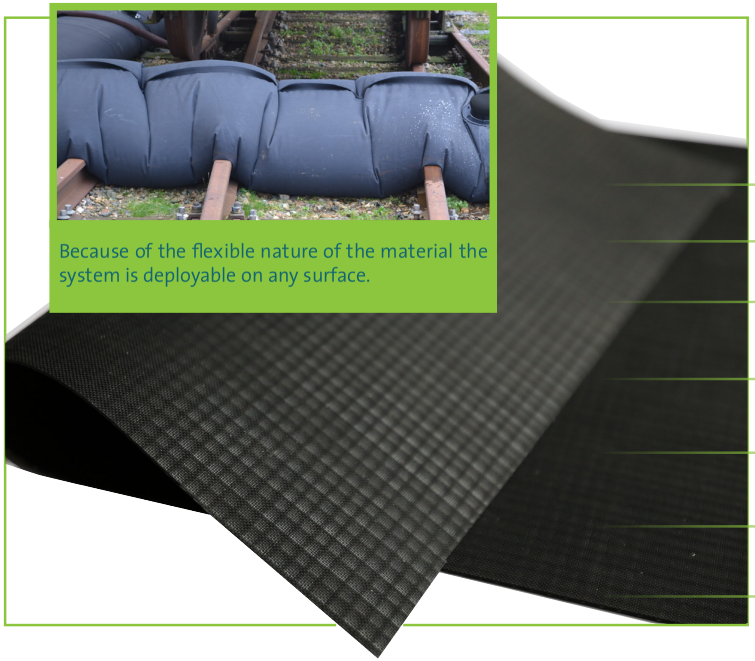
MANIFOLD W/ BALL VALVE NOK 81

HOSE N81 20 METRES

SILICONE HOSE



SILICONE VALVE



Because of the flexible nature of the material the system is deployable on any surface.

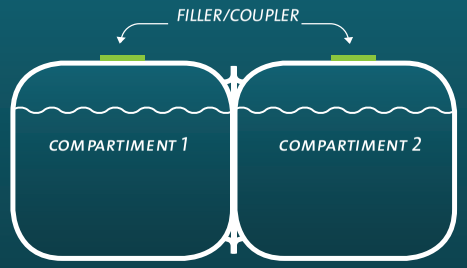
TECHNOLOGIE

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 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 simultaneously. This way two compartments are created, which are separated 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 SLAMDAM® to provide maximum resistance to pressure exerted by high water levels.



PATENTED CROSS SECTION OF SLAMDAM®

SLAMDAM®
Dutch easy movable dam.

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