

# HeatWork®

industrial heating solutions

## HW Winter Insulation

Winter mats for frost protection and insulation



- Extremely durable
- 3 or 7 layers of insulating material
- Non-absorbent
- Can be reused several times



# HW Winter Insulation

Specially developed and unique insulation



## The ultimate winter mat for both professional and private use, regardless of what it is needed for

With 3 or 7 layers of insulating material, several dimensions and a reflective aluminium coating, these mats have unique reflective properties, reflecting radiant heat from the ground. This means that the efficiency of the thawing or curing process can be optimized, both in terms of time and costs.

HeatWork Winter Insulation has been designed for use during challenging winter conditions. The insulation mats are fitted and have reinforced surfaces, for unparalleled durability and flexibility during use. This product comes in a variety of sizes and is used for ground thawing and frost

prevention. The insulating properties and reflective bottom surface of the mats mean the heat reflecting from the ground to be thawed/frostprotected, is preserved in a unique way.

The low weight and flexibility of the insulating material itself make the winter mats easy to handle and store. Comes with sewn eyelets.

The winter mats are available in 3 layer and 7 layer versions. The 3 layer version is sufficient for thawing frozen ground.

## Technical specifications:

Delivered folded pack of 2 pcs.  
Material: 3 and 7 layers closed cell polymer foam  
Aluminum Coatings: 1 layer reflective

*Specially developed and unique insulation!*

### Product Features:

#### Moisture:

Will not absorb moisture  
No capillary properties. Weatherproof.

#### Durability:

Does not shift shape during use. Long life expectancy.  
Reinforced nylon with cross structure resists wear.

#### Temperature:

Flexible, even at very low and high temperatures.

#### Comes in 3-layers thickness:

2 x 12 meter (24 m<sup>2</sup>)  
2 x 6 meter (12 m<sup>2</sup>)  
1.2 x 3 meter (3.6 m<sup>2</sup>)  
1.2 x 6 meter (7.2 m<sup>2</sup>)

#### Comes in 7-layers thickness:

2 x 6 meter (12 m<sup>2</sup>)  
1.2 x 3 meter (3.6 m<sup>2</sup>)  
1.2 x 6 meter (7.2 m<sup>2</sup>)

**Area per mat:** From 3,6 m<sup>2</sup> – 24 m<sup>2</sup>

**Weight per mat:** From 2,1 kg – 9,6 kg



Proper insulation mats are important for faster thawing!

## Areas of application:

- Thawing frozen ground
- Insulating water and drainage pipes
- Insulating trenches
- Frost-prevention for excavated areas
- Frost-prevention for building materials
- Covering poured concrete



Winter mats for frost protection and insulation





# HW Winter Insulation

Extremely efficient to use during concrete work

## The ultimate winter mat for concrete work

Since the winter mats are lightweight and can be supplied in several different dimensions, up to 24 m<sup>2</sup> per mat, it is extremely efficient to use HeatWork Winter Insulation during concrete work. The reflective bottom surface is very

effective at retaining the heat that develops in the concrete while it is curing. This secures the same quality of the end result even in the most harsh environments.



On the pictures you see **Betongreovering Rehab AS** who have started with concrete work of mast foundation, commissioned by Statnett.

## HW Tarpaulin

**Extremely durable tarpaulin - Optimizes the thawing process**

The extremely durable PVC material used in the tarpaulin optimizes the thawing process when used together with the HeatWork heating and thawing concept and HW insulating mats. It helps weigh down the insulating mats and reduces heat loss. The sewn-in fasteners make the tarpaulin extremely user-friendly.

### Areas of application:

- Covers joints and protects from wind and weather.
- Minimizes heat loss during thawing
- Helps weigh down the HeatWork Mat
- Protects newly-laid concrete surfaces
- Covers formwork
- Covers building materials
- Trenches and more



The tarpaulin comes in 6 different sizes:

7 x 1,5 m	(10,5 m <sup>2</sup> ),	weight: 7,5 kg
4 x 3,0 m	(12 m <sup>2</sup> ),	weight: 8,4 kg
6 x 2,5 m	(15 m <sup>2</sup> ),	weight: 10,8 kg
7 x 2,5 m	(17,5 m <sup>2</sup> ),	weight: 12,2 kg
12 x 2,5 m	(30 m <sup>2</sup> ),	weight: 21,5 kg
7 x 5,0 m	(35 m <sup>2</sup> ),	weight: 24,5 kg