

# Combitherm

## Winter mats

### Protecting the concrete work against sun, wind, rain and frost

In the building & construction industry, the weather can be a challenge when working outdoors with concrete, mortar and casting foundations.

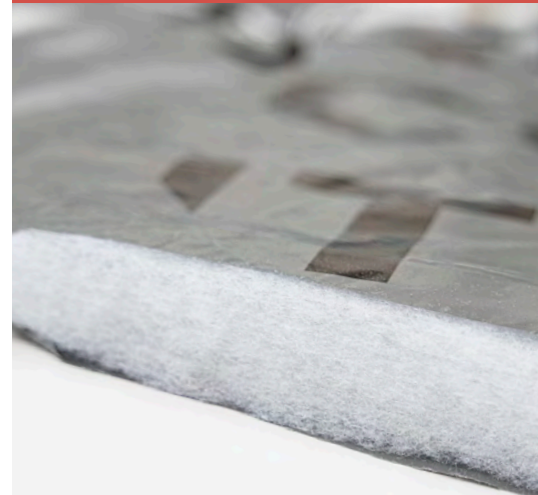
Combitherm thermal winter mats are the ideal solution for coverage and general protection of building material when working on the construction site. The high insulating properties of the winter mats prevent cold penetration in winter and reduce the risk of drying out and cracking in summer.

#### Quality, Inside Out

Combitherm thermal winter mats have been developed with a focus on quality and durability. The thermal solution is based on a multi-layer construction with efficient Polywool insulation with spiral polyester fibres fixed to a strong foil that prevents the insulation from collapsing. The winter mats are therefore also suitable for vertical surfaces.

#### Noticeable advantages

- Insulation from 78% rPET fibres
- Strong foil with 30% recycled plastic
- Protect against wind and weather extending the construction season
- Flexible and easy to handle
- Repairable if torn
- Low TCO - may be used many times
- Foil with increased anti-slip properties
- Toxic and dust-free – does not require protective equipment
- Environmental product declaration (EPD Denmark according to EN15804)



## Flexible thermal solutions

Combitherm thermal winter mats are manufactured with a focus on high flexibility and easy handling.

When working at the construction site, it is of great importance for daily operations that work processes run easily and without problems.

During storage and transport, the winter mats can be folded or rolled up to take up as little space as possible. If the foil has been damaged, the mat is hung up to let the water run out, and it can subsequently be repaired with duct tape

## Caring about the environment

An uncompromising choice of materials and a proven design mean that Combitherm thermal winter mats have a long lifespan and can be reused time and time again.

Polywool insulation consisting of 78% recycled fibres helps to increase sustainability and overall the effective insulating ability means that the thermal winter mats meet all needs for an efficient and durable thermal solution at the construction site.

## Technical specifications

### Three-layer construction of:

Inner and outer foil: PE (polyethylene) with non-slip, with 30% regenerate, and 2% UV-additive, 2% UV-additive gives 70-90 kilo Langley (Kly), 1 year

Polywool insulation: PET (polyester fibre), with up to 78% rPET, 450 g/m<sup>2</sup>

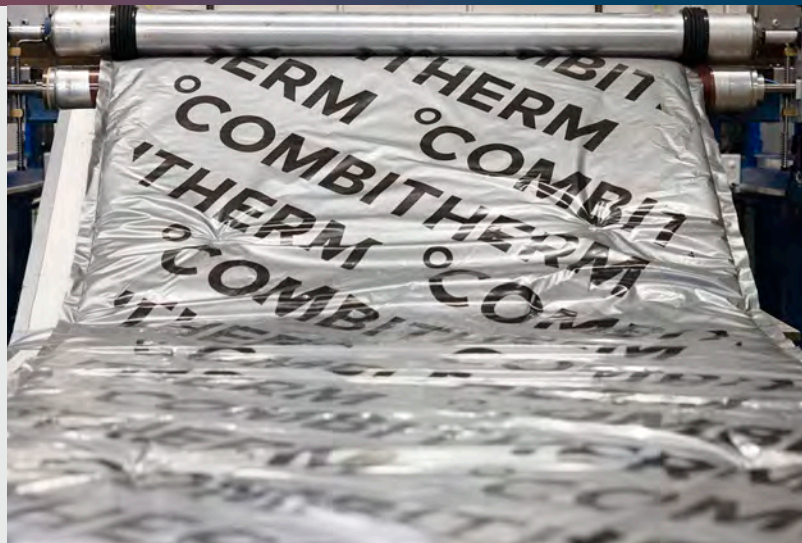
Colour: Aluminium with print

Width: 135 cm

Length: 300 or 500 cm

Thickness approx. 5 cm

Weight pr. m<sup>2</sup>: 690 g/m<sup>2</sup>



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The mats are easy to handle and do not absorb moisture. Not even if a small tear were to appear in the foil. We can therefore use them for many different purposes in the construction process.

*Kenneth Kastbjerg Kreutzfeldt,  
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