

## weber.sys 983

Drainage mat (width 1.25 m)

**Protection and drainage mat for building parts in contact with earth-contacting building parts, and protection layer for waterproofing coatings**

---

### Fields of application

As protection of earth-contacting building structures against mechanical loads during backfilling of excavation pit and protection of bitumen waterproofing systems on all **Weber** bitumen waterproofing thick-layer coatings (weber.tec 915, 922, Superflex 10 , Superflex 100 S and Superflex 2 K) and also on both **Weber** reactive waterproofing thick-layer coatings (weber.tec Superflex D 2 and weber.tec Superflex D 24) on such structures.

Also as vertical drainage.

For use in case of non-pressure water (W1.2- E).

Fulfills the standard DIN 18533 for PMBC (polymer-modified bitumen thick coatings).

For use outdoors.

---

### Description

weber.sys 983 is a drainage mat consisting of 3 layers: a dimpled membrane of polystyrene, a synthetic sliding and pressure-distributing foil and a synthetic fleece.

---

### Composition

Dimpled membrane of polystyrene; polypropylene foil; fleece of polyethylene and polypropylene

---

### Main features

- high pressure resistance
- delivered in rolls
- fleece-laminated
- resistant to aggressive substances commonly found in the soil
- 3-layer system
- quick and easy installation
- large discharge of seepage water

---

## Technical values

---

Width:	1.25 m
Length:	14 m
Maximum discharge of water:	2.8 liters/second/meter
Compressive strength:	500 kN/m <sup>2</sup>

---

---

## Quality control

---

weber.sys 983 is subject to a regular quality control.

---

---

## General notes

---

- A filter-stable floor drainage system must be installed to transfer the drainage water into the ring drainage system.
  - Comply with the national standards and/or guidelines (for ex. DIN 4095 "Drainage of Building Structures"); if not issued and if necessary, request technical advice
  - The waterproofing must be thoroughly dried before installing the drainage mat.
  - Fill the excavation pit within 2 weeks after installation of the drainage mat.
- 

---

## Substrate preparation

---

- The drainage mat is applied onto concrete substrates or substrates that have been waterproofed with the pre-said bitumen or reactive waterproofing thick-layer coatings.
  - The waterproofing must be thoroughly dried before installing the drainage mat.
- 

---

## Working instructions

---

- First cut the mat to the required length. Take care that it covers the entire vertical areas in contact with the earth and the forepart of the concrete slab on their total length plus at least approx. 10 cm.
  - Lay the mat in such a way that the fleece-laminated side is turned to the earth and the pressure-distributing foil is turned to the waterproofing layer.
  - Each element must overlap by at least 5 cm. The filter fleece has a sufficient overhang size to be placed on the adjacent element.
  - Fix the mat with the click profile weber.sys 983 A or similar above the water-proofing layer at its upper end and connected to the ring drainage at its lower end.
-

# Technical Data Sheet



---

## Practical information

---

### Storage:

The material can be stored in its original unopened packaging, if protected from UV rays.

---

## Consumption / yield

---

approx. 1.05 m<sup>2</sup>/m<sup>2</sup>

---

## Packagings

---

Type	Dimension	Sales unit	Number / euro-pallet
Roll	length: 14 m;\nwidth: 1.25 m	17.5 m <sup>2</sup>	6 rolls

---

*The information in this technical data sheet is based on our current knowledge and experience at the time of printing. However, they do not guarantee in the legal sense.*