

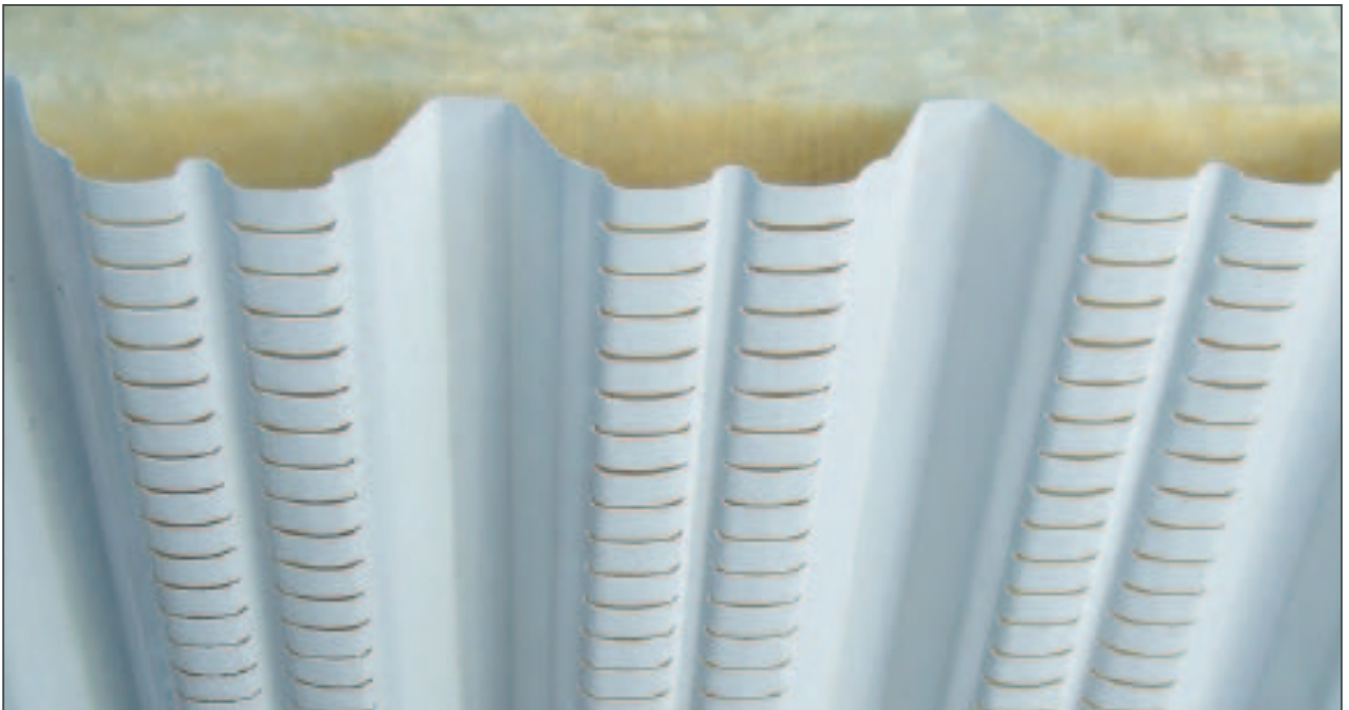
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**GENUGTEN AGRI BV**



# 'SOFT-AIR' ventilation ceiling

*The best air inlet system!*



- Perfectly non-corrosive profiled sheets
- Extremely light-weight ceiling (2,5 kg/m<sup>2</sup>)
- Short delivery times
- Hardly any condensation
- Easy installation
- Easy cleaning

SOFT-AIR ventilation ceilings are applied throughout the ceiling area of any room, at a height of 2,30 to 2,80 m.

The ventilation ceiling is made of synthetic profiled sheets which are provided with 3 mm. wide grooves. The total open area of these sheets is about 7% to 8%. On top of these sheets an 80 mm thick layer of 'SOFT-AIR' mineral wool is placed. The mineral wool is provided with a special skin on its underside. The 'SOFT-AIR' mineral wool has been specially developed for this ventilation ceiling and has been treated with a silicone-based product.

## **‘SOFT-AIR’, the ceiling with the most advantages:**

### **The 80 mm thick layer of ‘SOFT-AIR’ mineral wool has various functions:**

- Incoming air is retarded, filtered and distributed throughout the ceiling area.
- In colder seasons, the air is heated thanks to the mineral wool, to 3-5 degrees below room temperature resulting in draught and cold-air fall being completely eliminated.
- The air is absorbed by the ceiling and prevents heat being lost through the roof which leads to savings on heating costs.
- The special skin protects the mineral wool against moisture during cleaning of the room and prevents it from sagging. It also prevents small pieces of mineral wool from falling into the room.
- Due to a treatment with a silicone-based product the mineral wool maintains its elasticity and is protected against moisture.

### **In addition, ‘SOFT-AIR’ ventilation ceilings have the following advantages:**

- Preheating of incoming air is not necessary.
- Lower building costs: the roof construction needs less insulation because insulation is only needed against heat in the summer.
- The ceiling is easy to clean, the mineral wool barely gets wet thanks to the small grooves.
- The profiled sheets are easy to mount with a wide free span.

The air should be extracted at least 60 cm below ceiling level. Reheating is necessary for a good climate.

#### **Technical data:**

Profiled sheet:	Glass fibre reinforced polyester
Colour:	White / lightgrey
Length of the sheets:	1,0 to 10,0 m
Working width:	1020 mm
Maximum free span:	2.40 m
airopenings:	3 mm. wide grooves
Total open area:	about 8%
Mineral wool:	Soft-Air mineral wool, 80 mm thick, standard width 1,20 m, length 10 m



The ‘Soft-Air’ ventilation ceiling was developed 20 years ago by Genugten Agri. Since then we continuously improved and tested our product in our own pig-houses. Now, after all these years of experience, we are sure to present a hundred per cent and fullgrown product.