

**gabotherm<sup>®</sup>**

## **Heating and Cooling Ceilings made from Plaster and Metal**



<b>gabocool KP 8</b> Climate Panel	(prices upon request)	114
<b>gabocool GRD 6</b> Plaster Grid Ceiling	(prices upon request)	114
<b>gabocool MRD 6</b> Metal Grid Ceiling	(prices upon request)	115

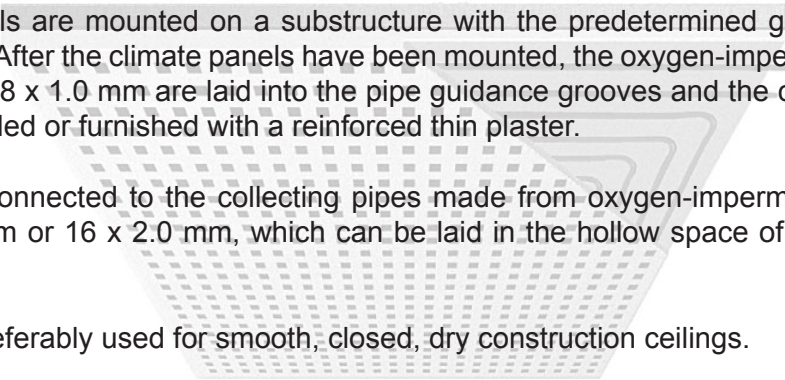
## **KP 8 Climate Panel Ceiling:**

Climate panel made from plaster with pipe guidance grooves milled at the factory.

The climate panels are mounted on a substructure with the predetermined grid spacing at the construction site. After the climate panels have been mounted, the oxygen-impermeable gabolite® polybutene pipes 8 x 1.0 mm are laid into the pipe guidance grooves and the climate panels are then primed, sanded or furnished with a reinforced thin plaster.

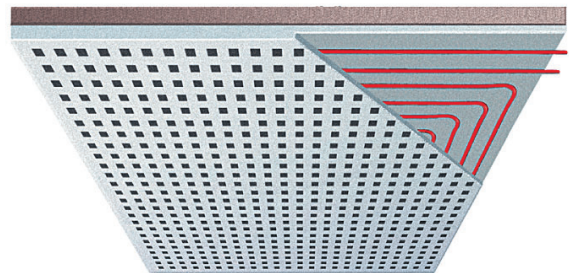
The panels are connected to the collecting pipes made from oxygen-impermeable polybutene pipes 15 x 1.5 mm or 16 x 2.0 mm, which can be laid in the hollow space of the ceiling, using T-pieces.

This system is preferably used for smooth, closed, dry construction ceilings.



## **GRD 6 Plaster Grid Ceiling:**

The gabotherm® plaster grid ceiling consists of individual sandwich-type plaster boards in different dimensions and surface designs (e.g. perforated), which can be embedded in different grid systems. Oxygen-impermeable polybutene pipes of the dimension 16 x 1.0 mm are already laid in this sandwich-type plaster board at the factory and glued using a mineral fibre insulating material on the rear side of the board.



Depending on the layout, the individual boards are connected to the collecting pipes made from oxygen-impermeable polybutene pipes 15 x 1.5 mm, which can be laid in the hollow spaces of the ceiling, using T-pieces with plug connections (no tools required). The individual circuits can be controlled using a manifold system and regulated using room thermostats.

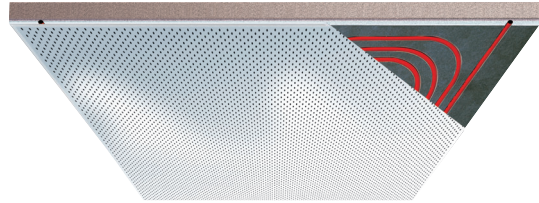


This system is mainly used in new office and industrial building constructions with suspended ceilings.

## MRD 6 Metal Grid Ceiling:

The gabotherm® metal grid ceiling consists of individual sandwich-type metal plates in different dimensions and surface designs (e.g. perforated), which can be embedded in different grid systems.

Oxygen-impermeable polybutene pipes of the dimension 6 x 1.0 mm are already laid in the plaster layer of this sandwich-type metal plate at the factory and glued using a mineral fibre insulating material on the upper side of the plate.



Depending on the layout, the individual boards are connected to the collecting pipes made from oxygen-impermeable polybutene pipes 15 x 1.5 mm, which can be laid in the hollow spaces of the ceiling, using special T-pieces with plug connections (no tools required). The individual circuits can be controlled using a distributor system and regulated using room thermostats.



The application field of this system stretches from office and industry new building constructions with suspended ceilings to clinics, laboratories, kitchens or pharmaceutical companies (hygienic coating).