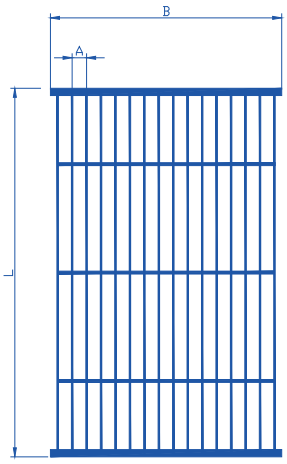
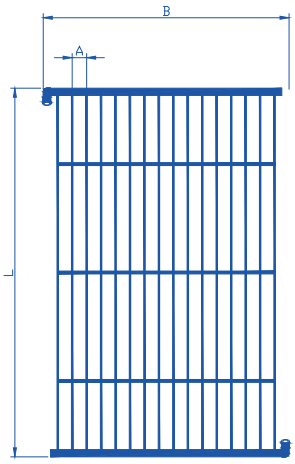
OPTIMAT

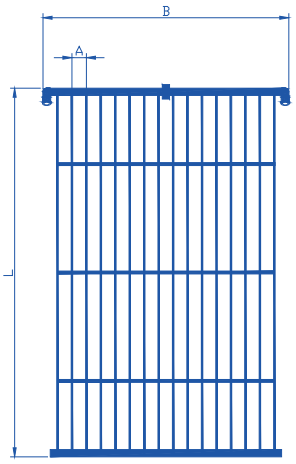
HEATING AND COOLING MAT GB 20.00|20.11|20.20|20.02|GBM 20.11

product data sheet

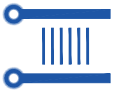
GB 20.00	GB 20.11	GBM 20.11
with open mat distributor pipes or welding	with 2 diagonal push-lock connections	with 2 lateral push-lock connections and 1 middle end cap







PUSH-LOCK CONNECTIONS

Designation	GB 20.11	GBM 20.11	GB 20.20	GB 20.02
Description	with 2 diagonal push-lock connections	with 2 lateral push-lock connections and 1 middle end cap	with 2 push-lock connections on the left	with 2 push-lock connections on the right
Pictogram				

FIELD OF APPLICATION

- concrete ceiling or concrete wall | prefabricated concrete element, in-situ concrete (ceiling)
- plaster ceiling or wall | bare concrete, brick wall, gypsum board
- floor | screed
- soil | ground collector

TECHNICAL DATA

MATERIAL/COLOUR	Polypropylene (PP) recyclable/blue
MAT DISTRIBUTOR PIPE	20 x 2,0 mm, round
CAPILLARY TUBE	**4,3 x 0,8 mm**
DISTANCE A	20 mm
LENGTH L	600 - 6000 mm in 10 mm steps
WIDTH B	as from 150 mm in 20 mm steps
CONNECTION TYPE	with open mat distr. pipes/with 2 push-lock connections 10 mm or 15 mm
SPECIFIC WEIGHT	approx. 430 g/m² capillary tube surface
SPECIFIC VOLUME OF WATER	0,320 l/m² capillary tube surface
SPECIFIC TOTAL WEIGHT	ca. 750 g/m² capillary tube surface
PRESSURE STAGE	PN 10
MAX. RECOMMENDED OPERAT. PRESSURE	4 bar
MAX. ALLOWED HEATING TEMPERATURE	60 °C

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