

OPTIPANEL 18 - PERFORATED

prefabricated product | perforated gypsum board panel with integrated capillary tube mat type OPTIMAT GB 18



product data sheet



PUSH-LOCK CONNECTIONS

Designation	OPTIPANEL (standard)	OPTIPANEL (alternative)
Description	with 2 push-lock connections on the left	with 2 lateral push-lock connections and 1 middle end cap
Angular Position Push-Lock Connection	0°	0°
Pictogram		

FIELD OF APPLICATION

- gypsum board ceiling
- floating drywall ceiling

TECHNICAL DATA

CAPILLARY TUBE MAT MATERIAL/COLOUR	Polypropylene (PP-R) recyclable/blue
MAT DISTRIBUTOR PIPE	20 x 2,0 mm, round
CAPILLARY TUBE OF THE OPTIMAT	4,3 x 0,8 mm
DISTANCE OF THE CAPILLARY TUBES	18 mm centre-to-centre distance (standard hole pattern 8/18 R)
GYPSUM BOARD PANEL	hole pattern 8/18 R (standard); 12/25 R; 8/18 Q; 12/25 Q with black acoustic fleece backing; they are screwed on using Knauf-Caps which are placed in the holes
LENGTH	1.988 mm (standard hole pattern 8/18 R)
WIDTH	1.188 mm (standard hole pattern 8/18 R)
PANEL THICKNESS	12,5 mm
CONNECTION TYPE	with 2 push-lock connections 10 mm, angular position 0°
SPECIFIC VOLUME OF WATER	0,320 l/m ² capillary tube surface
SPECIFIC TOTAL WEIGHT (FILLED WITH WATER)	approx. 9 kg/m ² plus substructure
PRESSURE STAGE	PN 10
MAX. RECOMMENDED OPERATING PRESSURE	4 bar
MAX ALLOWED HEATING TEMPERATURE	60 °C