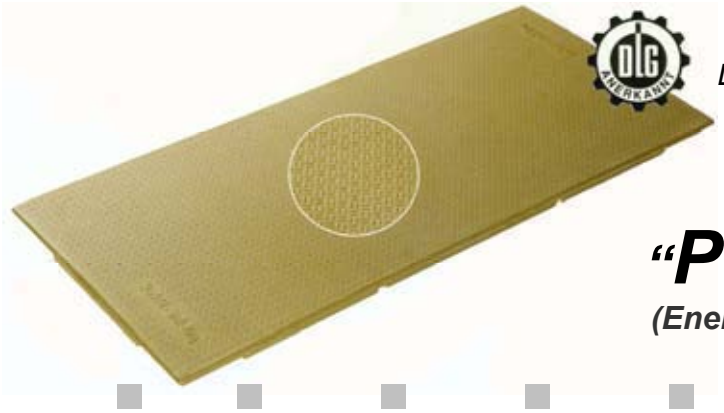

*DLG-Test report No.4898**

“Poly” - heat pads

(Energy saving heat pads with warm water)

		start	/ permanent
Models:	**Poly-Mix 400/W**	(400 x 1200 x 35 mm)	**150 W / 75 W**
	Poly-Top 450/W	(450 x 1350 x 35 mm)	**180 W / 90 W**
	Poly-Mix 500/W*	(500 x 1200 x 35 mm)	**180 W / 90 W**
	Poly-Top 515/W	(500 x 1500 x 35 mm)	**220 W / 110 W**
	Poly-Top 600/W	(600 x 1200 x 35 mm)	**220 W / 110 W**

Heat pad construction:

Poly 400/W + 450/W = 4 tubes
Poly 500/W + 515/W = 5 tubes
Poly 600/W = 6 tubes

Internal Polymere-concrete centre with 4-6 pieces of copper or s/s-tubes (diffusion sealed with 12 mm internal diameter / 14 mm outside diameter).
Heat loss on the underside is prevented by an internal PU-foam isulation. The heat pad is completely covered with a hard wearing polyester coat, strengthened with fibre glass (polyester-resin).

Application:

Stall-Ring Flooring-Systems in farrowing pens and weaner decks.

Installation info:

Max. 8 warm water heat pads per water circuit.
Diffusion sealed pipe connectors, ex. PEX-Pipe 15 mm with an internal diameter of 12 mm
No heat exchanger is required.

Layout:

"Parallel" and “parallel or across" the support bars.

Connections:

2 x fittings ½“ with internal thread in underside pad.
- diagonally in Poly 450/W, Poly 500/W, Poly 515/W
- endside in Poly 400/W, Poly 600/W

Water supply temperature:

up to max. 60°C

Water supply flow rate:

0,4 – 1,2 meter /sec.

Water supply:

approx. 500 l /h per row

Pressure loss:

approx. 300 mm - 375 mm WG
400x1200 mm = 300 mm / 500x1200 mm = 330 mm / 500x1500 mm = 375 mm / 600x1200 mm = 375 mm

Max. static load:

300 kg / heat pad (short time)

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“Poly-Top” heat pad
(warm water)

Installation diagram

threaded
pipe connector “ABS”

Angle 90° elbow

DLG-Test report No. 4898

Return

Supply

Maximum 8 warm water heat pads per water circuit.