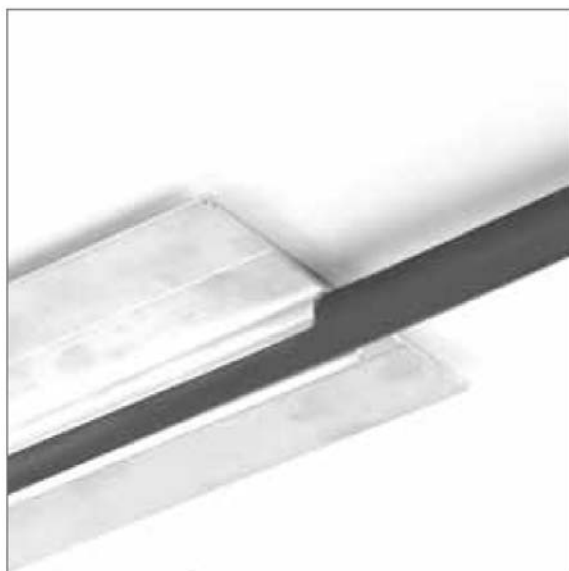


## PRODUCT SUBMITTAL 510

Product: Heat Transfer Plates, Heavy Gauge

Date: 30 July 14 (supersedes 24 July 14)



Article No.	Description	Length in (cm)	Width in (cm)	Unit Weight lb (kg)
235962	Heat Transfer Plate, Heavy Gauge for 3/8 in. RAUPEX <sup>®</sup>	48 (121.9)	3.5 (8.9)	1.1 (0.5)
235972	Heat Transfer Plate, Heavy Gauge for 1/2 in. RAUPEX	48 (121.9)	3.5 (8.9)	1.1 (0.5)

### TECHNICAL DESCRIPTION

Material	Aluminum, extruded
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**FUNCTIONAL DESCRIPTION**

REHAU heavy gauge heat transfer plates are designed for radiant heating systems for new construction and retrofit installations. These heat transfer plates are screwed into the joist space and 3/8 or 1/2 in. RAUPEX pipe, depending on the size selected, snaps into the plates for convenient installation. Plates have pre-drilled 1/8 in. holes for ease of installation. Radiant floor heating systems are quieter than many other heating systems, but no one can ever guarantee that a heated floor will be noise free. By following proper installation practices and observing all manufacturers' recommendations, noise during heating system operation can be minimized. For additional precautions refer to REHAU *Technical Bulletin 257, Minimizing Noise in Heated Panel and Plate Systems*.

**MATERIAL PLANNING**

For quick estimating purposes, the following guidelines may be of use for a typical piping layout. This material estimating information is not intended to be used for any particular project, nor as a final drawing requirement or specification, and is only provided as an aid for quick quotation purposes. REHAU LoopCAD® radiant design software is recommended for calculating material lists for any particular project.

	Joist Spacing	Heated Area ft <sup>2</sup>		Material Estimating Factor	=	Estimated Material Requirements
Art. 235962 heat transfer plate for 3/8 in. RAUPEX and Art. 235972 heat transfer plate for 1/2 in. RAUPEX	14 in (35 cm) on-center	_____	x	0.35	=	_____ pieces
	16 in (40 cm) on-center	_____	x	0.30	=	_____ pieces
	18 in (45 cm) on-center	_____	x	0.27	=	_____ pieces
	20 in (50 cm) on-center	_____	x	0.24	=	_____ pieces
				Sum Total	Σ	_____ pieces