

## SAP WorkSheet: New dwelling design stage

### 13a. Primary Energy

	Energy kWh/year		Primary factor		P. Energy kWh/year
Space heating (main system 1)	(211) x		3.07	=	15607.25 (261)
Space heating (secondary)	(215) x		3.07	=	0 (263)
Energy for water heating	(219) x		3.07	=	1504.03 (264)
Space and water heating	(261) + (262) + (263) + (264) =				17111.28 (265)
Electricity for pumps, fans and electric keep-hot	(231) x		3.07	=	9200.11 (267)
Electricity for lighting	(232) x		0	=	2655.05 (268)
Energy saving/generation technologies Item 1			3.07	=	-34467.07 (269)
'Total Primary Energy			sum of (265)...(271) =		-5500.63 (272)
<b>Primary energy kWh/m<sup>2</sup>/year</b>			(272) ÷ (4) =		-13.1 (273)