

Plancher et mur chauffant JUPITER EPS et ECO  
Chauffage

20 mm Fermacell

T moy. eau	T Pièce	EZ 12,5 cm			CZ 25 cm			MIX 20 cm			EZ 12,5 cm			CZ 25 cm			MIX 20 cm		
		Fermacell R= 0,00 m²KW 20 mm	T Surface	Fermacell R= 0,00 m²KW 20 mm	T Surface	Fermacell R= 0,00 m²KW 20 mm	T Surface	Fermacell R= 0,05 m²KW 20 mm	T Surface	Fermacell R= 0,05 m²KW 20 mm	T Surface	Fermacell R= 0,05 m²KW 20 mm	T Surface	Fermacell R= 0,05 m²KW 20 mm	T Surface				
□ <sub>μ</sub>	□ <sub>λ</sub>	□ <sub>F</sub>			□ <sub>F</sub>			□ <sub>F</sub>			□ <sub>F</sub>			□ <sub>F</sub>					
°C	°C	W/m2	°C	W/m2	°C	W/m2	°C	W/m2	°C	W/m2	°C	W/m2	°C	W/m2	°C				
30	15	74.6	21.9	57.7	20.5	63.3	20.9	57.7	20.5	46.5	19.5	49.5	19.7						
30	18	59.4	23.6	45.9	22.4	50.4	22.8	45.9	22.4	37.0	21.6	39.4	21.9						
30	20	49.1	24.7	38.0	23.7	41.7	24.1	38.0	23.7	30.6	23.1	32.6	23.2						
30	22	38.8	25.8	30.0	25.0	32.9	25.3	30.0	25.0	24.2	24.5	25.7	24.6						
30	24	28.3	26.9	21.9	26.3	24.0	26.5	21.9	26.3	17.6	25.9	18.8	26.0						
35	15	99.9	24.0	77.2	22.1	84.8	22.7	77.2	22.1	62.3	20.8	66.3	21.2						
35	18	84.7	25.7	65.5	24.1	71.9	24.7	65.5	24.1	52.8	23.0	56.2	23.3						
35	20	74.6	26.9	57.7	25.5	63.3	25.9	57.7	25.5	46.5	24.5	49.5	24.7						
35	22	64.4	28.0	49.8	26.8	54.7	27.2	49.8	26.8	40.2	25.9	42.8	26.2						
35	24	54.3	29.2	41.9	28.1	46.0	28.4	41.9	28.1	33.8	27.4	36.0	27.6						
40	15	125.1	26.0	96.7	23.7	106.1	24.5	96.7	23.7	78.0	22.2	83.0	22.6						
40	18	110.0	27.8	85.0	25.8	93.3	26.4	85.0	25.8	68.6	24.4	72.9	24.8						
40	20	99.9	29.0	77.2	27.1	84.8	27.7	77.2	27.1	62.3	25.8	66.3	26.2						
40	22	89.8	30.2	69.4	28.5	76.2	29.0	69.4	28.5	56.0	27.3	59.6	27.6						
40	24	79.7	31.3	61.6	29.8	67.6	30.3	61.6	29.8	49.7	28.8	52.8	29.0						
45	15	150.3	28.0	116.1	25.3	127.5	26.2	116.1	25.3	93.7	23.5	99.7	24.0						
45	18	135.2	29.8	104.5	27.4	114.7	28.2	104.5	27.4	84.3	25.7	89.7	26.1						
45	20	125.1	31.0	96.7	28.7	106.1	29.5	96.7	28.7	78.0	27.2	83.0	27.6						
45	22	115.0	32.2	88.9	30.1	97.6	30.8	88.9	30.1	71.7	28.6	76.3	29.0						
45	24	104.9	33.4	81.1	31.4	89.0	32.1	81.1	31.4	65.4	30.1	69.6	30.5						
50	15	175.4	30.0	135.6	26.9	148.8	27.9	135.6	26.9	109.4	24.8	116.4	25.3						
50	18	160.3	31.8	123.9	28.9	136.0	29.9	123.9	28.9	100.0	27.0	106.3	27.5						
50	20	150.3	33.0	116.1	30.3	127.5	31.2	116.1	30.3	93.7	28.5	99.7	29.0						
50	22	140.2	34.2	108.4	31.7	119.0	32.5	108.4	31.7	87.4	30.0	93.0	30.4						
50	24	130.1	35.4	100.6	33.0	110.4	33.8	100.6	33.0	81.1	31.4	86.3	31.9						
55	15	200.5	31.9	155.0	28.4	170.2	29.6	155.0	28.4	125.0	26.0	133.0	26.7						
55	18	185.5	33.8	143.3	30.5	157.4	31.6	143.3	30.5	115.6	28.3	123.0	28.9						
55	20	175.4	35.0	135.6	31.9	148.8	32.9	135.6	31.9	109.4	29.8	116.4	30.3						
55	22	165.3	36.2	127.8	33.2	140.3	34.2	127.8	33.2	103.1	31.2	109.7	31.8						
55	24	155.3	37.4	120.0	34.6	131.8	35.6	120.0	34.6	96.8	32.7	103.0	33.2						

Zone périphérique (1,00 m): 35 °C  
Zone centrale: 29 °C  
Salle de bain 33 °C

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Chauffage

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T moy.	T Pièce	EZ 12,5 cm			CZ 25 cm			MIX 20 cm			EZ 12,5 cm			CZ 25 cm			MIX 20 cm		
		Fermacell R=0,10 m²KW 20 mm	T Surface	Fermacell R=0,10 m²KW 20 mm	T Surface	Fermacell R=0,10 m²KW 20 mm	T Surface	Fermacell R=0,15 m²KW 20 mm	T Surface	Fermacell R=0,15 m²KW 20 mm	T Surface	Fermacell R=0,15 m²KW 20 mm	T Surface	Fermacell R=0,15 m²KW 20 mm	T Surface				
□ <sub>μ</sub>	□ <sub>λ</sub>	□ <sub>φ</sub>	□ <sub>φ</sub>	□ <sub>φ</sub>	□ <sub>φ</sub>	□ <sub>F</sub>	□ <sub>F</sub>	□ <sub>F</sub>	□ <sub>F</sub>	□ <sub>F</sub>	□ <sub>F</sub>	□ <sub>F</sub>	□ <sub>F</sub>	□ <sub>F</sub>					
°C	°C	W/m2	°C	W/m2	°C	W/m2	°C	W/m2	°C	W/m2	°C	W/m2	°C	W/m2	°C				
30	15	47.0	19.5	38.9	18.8	41.8	19.1	39.7	18.9	33.4	18.3	44.4	19.3						
30	18	37.4	21.7	31.0	21.1	33.2	21.3	31.6	21.2	26.6	20.7	35.4	21.5						
30	20	30.9	23.1	25.6	22.6	27.5	22.8	26.1	22.7	22.0	22.3	29.3	22.9						
30	22	24.4	24.5	20.3	24.1	21.7	24.2	20.6	24.1	17.4	23.8	23.1	24.4						
30	24	17.8	25.9	14.8	25.6	15.8	25.7	15.0	25.6	12.7	25.4	16.8	25.8						
35	15	62.9	20.9	52.1	20.0	55.9	20.3	53.1	20.1	44.8	19.3	59.5	20.6						
35	18	53.3	23.1	44.2	22.3	47.4	22.6	45.1	22.4	38.0	21.7	50.5	22.8						
35	20	47.0	24.5	38.9	23.8	41.8	24.1	39.7	23.9	33.4	23.3	44.4	24.3						
35	22	40.6	26.0	33.6	25.3	36.1	25.6	34.3	25.4	28.9	24.9	38.4	25.8						
35	24	34.2	27.4	28.3	26.9	30.4	27.0	28.9	26.9	24.3	26.5	32.3	27.2						
40	15	78.7	22.2	65.3	21.1	70.0	21.5	66.5	21.2	56.1	20.3	74.5	21.9						
40	18	69.2	24.4	57.4	23.4	61.6	23.8	58.5	23.5	49.3	22.7	65.5	24.1						
40	20	62.9	25.9	52.1	25.0	55.9	25.3	53.1	25.1	44.8	24.3	59.5	25.6						
40	22	56.5	27.4	46.9	26.5	50.3	26.8	47.7	26.6	40.2	25.9	53.5	27.1						
40	24	50.1	28.8	41.6	28.1	44.6	28.3	42.4	28.1	35.7	27.5	47.4	28.6						
45	15	94.6	23.6	78.4	22.2	84.1	22.7	79.9	22.3	67.3	21.3	89.5	23.1						
45	18	85.1	25.8	70.5	24.6	75.7	25.0	71.9	24.7	60.6	23.7	80.5	25.4						
45	20	78.7	27.2	65.3	26.1	70.0	26.5	66.5	26.2	56.1	25.3	74.5	26.9						
45	22	72.4	28.7	60.0	27.7	64.4	28.0	61.2	27.8	51.5	26.9	68.5	28.4						
45	24	66.0	30.2	54.8	29.2	58.7	29.5	55.8	29.3	47.0	28.5	62.5	29.9						
50	15	110.4	24.8	91.5	23.3	98.2	23.8	93.3	23.4	78.6	22.2	104.5	24.4						
50	18	100.9	27.1	83.7	25.7	89.7	26.2	85.3	25.8	71.9	24.7	95.5	26.6						
50	20	94.6	28.6	78.4	27.2	84.1	27.7	79.9	27.3	67.3	26.3	89.5	28.1						
50	22	88.2	30.0	73.2	28.8	78.5	29.2	74.6	28.9	62.8	27.9	83.5	29.6						
50	24	81.9	31.5	67.9	30.3	72.8	30.7	69.2	30.4	58.3	29.5	77.5	31.1						
55	15	126.2	26.1	104.7	24.4	112.3	25.0	106.7	24.5	89.9	23.2	119.4	25.6						
55	18	116.7	28.4	96.8	26.7	103.8	27.3	98.6	26.9	83.1	25.6	110.5	27.8						
55	20	110.4	29.8	91.5	28.3	98.2	28.8	93.3	28.4	78.6	27.2	104.5	29.4						
55	22	104.1	31.3	86.3	29.9	92.6	30.4	87.9	30.0	74.1	28.9	98.5	30.9						
55	24	97.7	32.8	81.0	31.4	86.9	31.9	82.6	31.6	69.6	30.5	92.5	32.4						

Zone périphérique (1,00 m): 35 °C  
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