

超

1

R&D , 가 10% 10

가

가 97%

가

25%

18%

80%

가

ECO-3LITER HOUSE

(Passive House)

(low energy house stan-

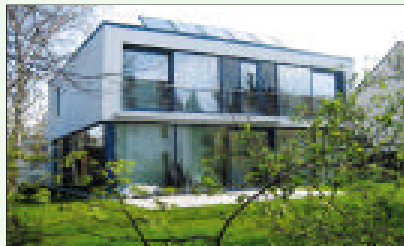
dard)

, 3

() 3

/m².a ()
16 20 /m².a).

15kWh/(m².a) 가



(1961, 2006, Nurnberg)

- : 167kWh/m² · a
- : 29kWh/m² · a
- : 186m²
- : 1,236 /m²()



(1982, 2007, Nurnberg)

- : 105kWh/m² · a
- : 27kWh/m² · a
- : 268m²
- : 300 /m²()



(2006, Nurnberg)

- : 14.9kWh/m² · a
- : 115m²
- : 1,374 /m²



(2007, Kerbach/Forchheim)

- : 14.9kWh/m² · a
- : 215m²
- : 1,307 /m²

80%

, 80%

가

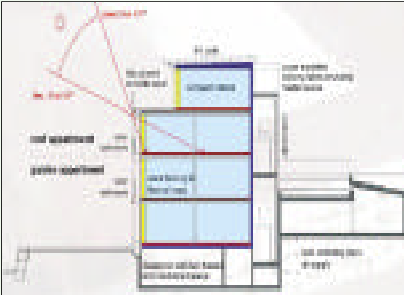
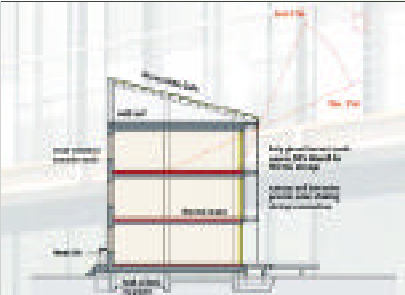
가

- 3

ECO-3LITER HOUSE

ECO-3LITER HOUSE() 1kW
(+ +)가
ECO-3LITER HOUSE(
) (20RT),
(30kWp), (1kWp)



(2002, Zurich)

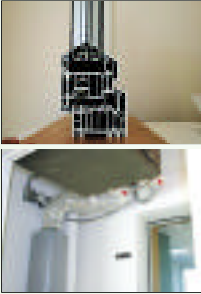
- : 14.0kWh/m² · a
- : 1,384m²(6)
- : 630CHF()/m²
- 2002 Solar Prize
- Minergie ZH-305

(2007, Kempthal)

- : 7.8kWh/m² · a
- : 1,452m²
- : 565CHF()/m²
- 2007 Solar Prize
- Minergie-P-ECO

ECO-3LITER HOUSE()








(2005,)

- : 14.9kWh/m² · a()
- : 138m²

(2006,)

- : 5 kWh/a

가 10%

ECO-3LITER

HOUSE

(ac-

tive)

(가)

가

가 10%

(payback period) 10 가

가17

()

CEPHEUS(Cost Efficient Passive

House as European Standards)

가2001 (2008. 4)

가 가

2006 2011

()가

110%

50%

2008

30%

40%, 2010

2009

50%

가

가

